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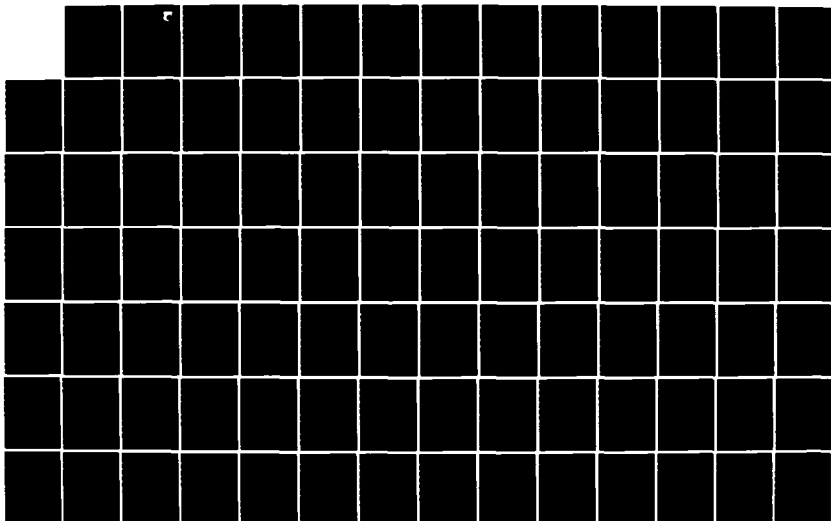
INTEGRATED COMPUTER-AIDED MANUFACTURING (ICAM)  
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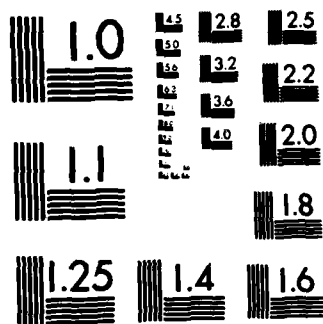
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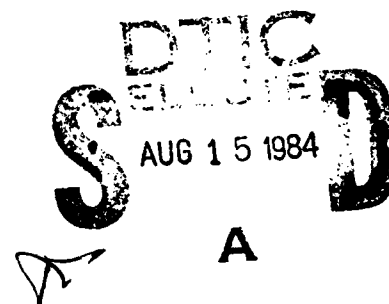


**INTEGRATED COMPUTER-AIDED MANUFACTURING (ICAM)  
ARCHITECTURE PART III  
VOLUME VII - MFG01 GLOSSARY**

SofTech, Inc.  
460 Totten Pond Road  
Waltham, MA 02154

September 1983

Final Report for September 1980 - October 1982



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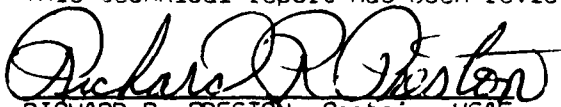
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This report has been reviewed by the Office of Public Affairs (ASD/PA) and is releasable to the National Technical Information Service (NTIS). At NTIS, it will be available to the general public, including foreign nations.

This technical report has been reviewed and is approved for publication.



RICHARD R. PRESTON, Captain, USAF  
Project Manager  
Computer Integrated Manufacturing Branch  
Manufacturing Technology Division

July 13, 1984

Approval Date

FOR THE COMMANDER



NATHAN G. TUPPER  
Chief  
Computer Integrated Manufacturing Branch  
Manufacturing Technology Division

13 July 84

Approval Date

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| Manufacturing Architecture  |                       | ICAM MFG1  |
| Model of Manufacturing  |                       | IDEF MFG01 Glossary  |
| Integrated Computer-Aided Manufacturing   |                       | MFG0   |
| Subsystem Integration   |                       | DESIGN0  |
| Technology Transfer   |                       | DESIGN1  |
| 21. ABSTRACT (Continue on reverse side if necessary and identify by block number)   |                       |  |
| <p>The Integrated Computer Aided Manufacturing (ICAM) Architecture Part III was initiated to maintain and update the existing manufacturing architecture as well as develop training courses to assist in the transition of IDEF applications, concepts and procedures to other Air Force programs. This volume presents all the terms from the function and information models of manufacturing.</p> |                       |  |

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This report is presented in the following eight volumes:

1. Volume I - Architecture Part III Accomplishments
2. Volume II - Procedures
3. Volume III - Composite Function Model of "Design Product" (DES0)
4. Volume IV - Composite Information Model of "Design Product" (DES1)
5. Volume V - Composite Function Model of "Manufacture Product" (MFG0)
6. Volume VI - Composite Information Model of "Manufacture Product" (MFG1)
7. Volume VII - MFG01 Glossary
8. Volume VIII - Technology Transfer

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## FOREWORD

This technical report provides the results of the MFGG1 GLOSSARY Task associated with both the Manufacturing Function and Information Models. This work was performed under U.S. Air Force Contract #F33615-80-C-5109, "ICAM ARCHITECTURE, PART III," covering the period of September 1980 through October 1982. The contract was sponsored by the Computer Integrated Manufacturing Branch, Materials Laboratory, Air Force Wright Aeronautical Laboratories, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, 45433. The Air Force Technical Manager for ICAM ARCHITECTURE PART III was Capt Steve R. LeClair for the basic contract and Capt Richard R. Preston for the option phase.

Ms Rette R. Davis was the SofTech Program Manager. The other contributors to this document are as follows:

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L. Beebe  
B. Davis

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## SECTION 1 SCOPE

### 1.1 Identification

The volume documents arrow labels from MFGØ and Entity Classes and Attribute Classes from MFG1. These terms have been defined in a manner consistent with their use in their respective model. Later editions of the glossary are expected to include definitions of function names from MFGØ.

Included with the definitions of the terms is additional information intended to aid the sub-system modeler. This information is described in Section 1.4

### 1.2 Background

The MFGØ and MFG1 models were created to provide a systematic description of today's aerospace manufacturing environment; much of this description being applicable to general industry, as well. The technical nature, cope, and size of these models demanded the use of terms that may not be familiar to the reader, and certainly, are not self-explanatory. Conversely (and cause for equal concern), the models use terms that are familiar to most readers, but whose meaning differs from company to company.

In order to help remedy the problem of interpreting the terms used in MFGØ and MFG1, this glossary had been compiled.

### 1.3 Functional Description of Document

Each section of the glossary terms and definitions has been separated into alphabetical categories ranging from A through W. Section 1.4 goes into more detail on how the glossary format can be read and how each column was derived for its information.

### 1.4 Glossary Format Explanation

An example format with illustrative definitions are provided on pages 1-2 and 1-3.

| USED AT  | AUTHOR PROJECT |            |      |                  |                    |      |                      |            |       |       | DATE REV | WORKING DRAFT<br>RECOMMENDED PUBLICATION | READER | DATE | CONTEXT |         |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
|--|----------------|------------|------|------------------|--------------------|------|----------------------|------------|-------|-------|----------|--|--------|------|---------|---------|--|--|--|-------|--|--|--|------------|--|------|-----|------------|------|------------------|--------------------|--|----------------------|--|-------|-----|------|------|------|------|---|---|---|---|---|---|---|---|---|---|---|
|  | NOTES          | 1          | 2    | 3                | 4                  | 5    | 6                    | 7          | 8     | 9     |          |  |        |      |         | 10      |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <thead> <tr> <th colspan="4">SUBJECT</th> <th colspan="4">TRACE</th> <th colspan="2">SUBSYS USE</th> </tr> <tr> <th rowspan="2">NAME</th> <th rowspan="2">USE</th> <th rowspan="2">DEFINITION</th> <th rowspan="2">CODE</th> <th rowspan="2">SYNONYMS (LABEL)</th> <th colspan="2">ORIGIN(S) OR OWNER</th> <th colspan="2">TARGET(S) OR USER(S)</th> <th rowspan="2">MODEL</th> <th rowspan="2">N/D</th> </tr> <tr> <th>CODE</th> <th>NAME</th> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>①</td> <td>②</td> <td>③</td> <td>④</td> <td>⑤</td> <td>⑥</td> <td>⑦</td> <td>⑧</td> <td>⑨</td> <td>⑩</td> <td>⑪</td> </tr> </tbody> </table>  |                |            |      |                  |                    |      |                      |            |       |       |          |  |        |      |         | SUBJECT |  |  |  | TRACE |  |  |  | SUBSYS USE |  | NAME | USE | DEFINITION | CODE | SYNONYMS (LABEL) | ORIGIN(S) OR OWNER |  | TARGET(S) OR USER(S) |  | MODEL | N/D | CODE | NAME | CODE | NAME | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ |
| SUBJECT  |                |            |      | TRACE            |                    |      |                      | SUBSYS USE |       |       |          |  |        |      |         |         |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
| NAME   | USE            | DEFINITION | CODE | SYNONYMS (LABEL) | ORIGIN(S) OR OWNER |      | TARGET(S) OR USER(S) |            | MODEL | N/D   |          |  |        |      |         |         |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
|  |                |            |      |                  | CODE               | NAME | CODE                 | NAME       |       |       |          |  |        |      |         |         |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
| ①  | ②              | ③          | ④    | ⑤                | ⑥                  | ⑦    | ⑧                    | ⑨          | ⑩     | ⑪     |          |  |        |      |         |         |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
| <p align="center"><u>GLOSSARY FORMAT EXPLANATION</u></p> <p>1 NAME: The subject term in alphabetical order.</p> <p>2 USE: The terms defined in this glossary are drawn from the ICAM MFG<sub>0</sub> and MFG<sub>1</sub> models. Terms taken from MFG<sub>0</sub> appear in that model as either a function name or as an arrow (pipeline) label. Those terms taken from MFG<sub>1</sub> serve as either an Entity Class name or as an Attribute Class name. Identification of the particular use of the term in question is coded in this column as follows:</p> <p align="center">F = Function Name<br/>L = Arrow (Pipeline) Label<br/>E = Entity Class Name<br/>A = Attribute Class Name</p> <p>3 DEFINITION: The definition of the subject term must be viewed within the context of the model from which it originated. The definitions are not meant to be Websterian; that is, they aren't rigorously applicable to general use. Rather, the definitions are relevant to the specialized context of the manufacturing model that uses the term.</p> <p>4 CODE: This column carries the unique alphanumeric identifier that has been assigned to the subject term. If the term is a Function Name, then the code is the Function Node Number.<br/>If the term is an Arrow Label, then the code is the ICOM Code Number.<br/>If the term is an Entity Class Name, then the code is the Entity Class Number.<br/>If the term is an Attribute Class Name, then the code is the Attribute Class Number.</p> <p>5 SYNONYMS: Any synonyms for the subject term that are listed in the MFG model appear in this column.</p> |                |            |      |                  |                    |      |                      |            |       |       |          |  |        |      |         |         |  |  |  |       |  |  |  |            |  |      |     |            |      |                  |                    |  |                      |  |       |     |      |      |      |      |   |   |   |   |   |   |   |   |   |   |   |
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| SUBJECT |     |            |      | TRACE            |                    |      |                      | SUBSYS USE |       |
|---------|-----|------------|------|------------------|--------------------|------|----------------------|------------|-------|
| NAME    | USE | DEFINITION | CODE | SYNONYMS (LABEL) | ORIGIN(S) OR OWNER |      | TARGET(S) OR USER(S) |            | N/D   |
|         |     |            |      |                  | CODE               | NAME | CODE                 | NAME       | MODEL |
| ①       | ②   | ③          | ④    | ⑤                | ⑥                  | ⑦    | ⑧                    | ⑨          | ⑩     |
|         |     |            |      |                  |                    |      |                      |            | ⑪     |

GLOSSARY FORMAT EXPLANATION (Continued)

- 6 ORG. CODE: Origin Code. If the subject term is an Arrow Label (signified by an "L" in Column ② ), then column ⑥ identifies the origin in MFG<sub>0</sub> of that arrow.
- 7 OWNER NAME: If the subject term is an Attribute Class (signified by an "A" in column ② ), then column ⑦ identifies the owner entity class in MFG<sub>1</sub>.  
If a subject term is a function node or an entity class, then columns ⑥ and ⑦ will be blank.
- 8 TRG. CODE: Target Code. If the subject term is an Arrow Label (signified by an "L" in column ② ), then column ⑧ identifies the target of that arrow in MFG<sub>0</sub>.
- 9 USER NAME: If the subject term is an Attribute Class (signified by an "A" in column ② ), then column ⑨ identifies its inheriting entity class in MFG<sub>1</sub>.
- 10 MODEL: Identifies the subsystem(s) of which the subject term is a part.
- 11 N/D: Column ⑪ carries a coded description of how the subject term is used in the subsystem named in column ⑩. The character "N" means that the subject term and its definition both apply to the subsystem. The character "D" means that the subject term appears in the subsystem, but with a different definition.

|      |       |        |     |
|------|-------|--------|-----|
| NODE | TITLE | NUMBER | 3/4 |
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8 September 1983

SECTION 2  
REQUIREMENTS

2.1 Glossary of Terms and Definitions

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|         |                   |                            |              |  |        |      |         |
|---------|-------------------|----------------------------|--------------|--|--------|------|---------|
| USED A1 | AUTHOR<br>PROJECT | NOTES 1 2 3 4 5 6 7 8 9 10 | DATE<br>REV. | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT |
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## 2.1.1 Ac through Av

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|                                   |  | 1                    | 2       | 3                    | 4                                    | 5  | 6  | 7        | 8 | 9 | 10 |                                       |        |      |         |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10       |  |                      |         |                      |                                      |  |  |          |   |   |    |                                       |        |      |         |  |
| Name                              | Use Definition   | Code                 | Synonym | DocCode              | DocName                              | TrdCode  | TrdName  | Model no |   |   |    |                                       |        |      |         |  |
| Academic Qualification            | A Academic degrees obtained  | E116                 |         |                      |                                      |  |  |          |   |   |    |                                       |        |      |         |  |
| Acceptable, Incomplete Assemblies | 1. Inspected assemblies that do not require rework but do need further work to complete. | A632.404<br>A633.404 |         | A632.404<br>A633.404 | Inspected Assys.<br>Inspected Assys. | A632.112<br>A632.211<br>A633.112<br>A633.211<br>A632.311<br>A633.311 | Rework Orders Assemblies Needing Further Work<br>Rework Orders Items Needing Further Work<br>Rework Orders Assemblies Further Work<br>Rework Orders Items Needing Further Work |          |   |   |    |                                       |        |      |         |  |
| Acceptable, Incomplete Parts      | 1. Inspected parts that do not require rework but do need further work to complete.      | A631.404             |         | A631.404             | Inspected Parts                      | A631.112<br>A631.211<br>A631.311                                     | Rework Orders Parts Needing Further Work<br>Rework Orders Parts Needing Further Work<br>Rework Orders Parts Needing Further Work   |          |   |   |    |                                       |        |      |         |  |
| Acceptable Quotes                 | 1. Quotes that meet the WFO (request for quotes) requirements.                           | A5212.402            |         |                      |                                      | A521.3C1   |  |          |   |   |    |                                       |        |      |         |  |
| Accepted Material                 | 1. Inspected material which has been approved for inventory inclusion.                   | A5.303               |         |                      |                                      | A5.411   |  |          |   |   |    |                                       |        |      |         |  |
| Acknowledgment Code               | A Indicates whether an acknowledgment is expected or has been                            | E26                  |         |                      |                                      |  |  |          |   |   |    |                                       |        |      |         |  |
| TITLE                             |  | NUMBER               |         |                      |                                      |  |  |          |   |   |    | 5                                     |        |      |         |  |

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|  |   | NOTES          |         | 1        | 2  | 3        | 4       | 5        | 6 | 7 | 8 | 9 | 10 |                                       |  |        |  |      |  |         |  |
| Name   | Use Definition  | Code           | Synonym | TrqCode  | GrqName                                  | TrqCode  | TrqName | Model no |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Acknowledgment Reminder Date                 | A The date on which the supplier was reminded that the order had not yet been acknowledged. | E26            |         |          |  |          |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Activity Code                                | A A code denoting current activity on a purchase order.                                     | E26            |         |          |  |          |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Actual Labor Hours To Date                   | A The actual labor hours for completed operations.  | E57            |         |          |  |          |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Actual Machine Hours To                      | A The actual machine hours for all completed operations.                                    | E57            |         |          |  |          |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Actuals                                      | 1 Record of work in process, completed work or costs expended.                              | A24,202        |         | A242,401 | Costs By Function Element, Etc.          | A243,111 |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
|  |   |                |         | A242,301 | In-Work Completed Mfg. Operations (RCMP) |          |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Additional Facilities & Equipment Identified | 1 Identification of these items of facilities & equipment, other than long lead             | A144,302       |         |          |  |          |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| TITLE  |   | NUMBER         |         |          |  |          |         |          |   |   |   |   |    | 6                                     |  |        |  |      |  |         |  |
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| USED AT                         | AUTHOR PROJECT  | DATE REV.            | WORKING DRAFT RECOMMENDED PUBLICATION | HEADER  | DATE        | CONTEXT  |
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|                                 | NOTES   | 1 2 3 4 5 6 7 8 9 10 |                                       |         |             |          |
| Name                            | Use Definition  | Code                 | Synonym                               | OrtCode | OrtName     | Model no |
| Allowable Variances             | Items, which are required to support manufacture of a product, the need for which are over & above available, existing facilities & equipment.  | A243.201             |                                       |         |             |          |
| Alternate Part                  | 1. Schedule variances within acceptable tolerance levels.<br>F A part which may be used in place of another part.   | F301                 |                                       | A24.301 | Evaluations |          |
| Alternate Routing               | F A planned routing which may be used in place of another planned routing.  | F59                  |                                       |         |             |          |
| Analyze Production Requirements | F This function is the detailed analysis of the proposed work flows & support requirements in comparison to existing facilities to define the preliminary shape of the facility. Construction cost estimates are developed. | A4111                |                                       |         |             |          |

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|  |   | NOTES     | 1       | 2       | 3       | 4        | 5        | 6 | 7 | 8 | 9       |                                       |        |      |         |
| Name   | Use Definition  | Code      | Synonym | OrqCode | OrgName | TrqName  | Model nd |   |   |   |         |                                       |        |      |         |
| Approved Bidders List                          | 1 List of suppliers authorized for consideration in bid solicitation & source selection.                | A112.3C2  |         |         |         | A112.3C2 |          |   |   |   |         |                                       |        |      |         |
| Approved Carrier                               | F A person or persons from whom the company may agree to secure transportation services.                | E106      |         |         |         |          |          |   |   |   |         |                                       |        |      |         |
| Approved Carrier Use For Purchase Request Item | F Reflects the use of an approved carrier as a requested carrier of a purchase request item.            | E179      |         |         |         |          |          |   |   |   |         |                                       |        |      |         |
| Approved Part Carrier                          | F Reflects carriers which have been approved for transporting specific parts.                           | F180      |         |         |         |          |          |   |   |   |         |                                       |        |      |         |
| Approved Part Source                           | F Reflects suppliers that are approved as sources of specific parts.                                    | E177      |         |         |         |          |          |   |   |   |         |                                       |        |      |         |
| Approved Supplier                              | F A person or persons from whom the company may agree to purchase materials &/or services in return for | F30       |         |         |         |          |          |   |   |   |         |                                       |        |      |         |
| NOTE:  | TITLE:  |           |         |         |         |          |          |   |   |   | NUMBER: |                                       | 8      |      |         |

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| USED AT | AUTHOR PROJECT              | DATE REV. | WORKING DRAFT RECOMMENDED PUBLICATION | READER | DATE | CONTEXT |
|         | NOTES: 1 2 3 4 5 6 7 8 9 10 |           |                                       |        |      |         |

| Name  | Use Definition  | Code                 | Synonym | OrgCode                          | OrgName   | TrnCode              | TrnName | Model nd |
|---|---|----------------------|---------|----------------------------------|---|----------------------|---------|----------|
| Approved Supplier Use For Purchase Request Item | Reflects the use of an approved supplier as a requested supplier of a specific purchase request item.   | E174                 |         |                                  |   |                      |         |          |
| Acquisition Plan                                | Plan for purchasing or procuring material.  | A51.301              |         |                                  |   | A51.4C1              |         |          |
| Assemblies Pending Further Work                 | Processed assemblies, incomplete assemblies, & assemblies needing rework.                               | A632.211<br>A632.311 |         | A632.303<br>A632.404<br>A632.503 | Processed Assembly Incomplete Assemblies For Rework | A632.211<br>A632.311 |         |          |
| Assembly & Installation Problems                | (see Assy. & Inst. Problems)  |                      |         |                                  |   |                      |         |          |
| Assembly & Installation Requirements            | Assembly flow arrangement, functions & process necessary for installation & manufacture of the product. | A211.5C2             |         | A0.101                           | Mfg. Plan   | A211.5C2             |         |          |
| Assembly Methods                                | Logical assembly flow arrangement &   | A114.102             |         |                                  |   | A114.2C1<br>A114.4C3 |         |          |

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|                              | NOTES: 1 2 3 4 5 6 7 8 9 10  |            |                                       |         |          |   |
| Name                         | Use Definition   | Code       | Synonym                               | OrgCode | OrgName  | TraCode TraName Model n1                        |
| Assembly Problems            | procedures for each subassembly & assembly.<br>1 (see Assy. Problems)  |            |                                       |         |          |   |
| Assembly Sequence & Kit Plan | 1 ASSEMBLY SEQUENCE:<br>logical order of assembly operations based on scheduling & economic consideration.<br>KIT PLAN: Describes the optimum breakdown of specific job/tasks, to permit parts, tools & software to be available incrementally, as needed. | A133.203   |                                       |         | A133.311 |   |
| Assembly Station Plan        | 1 Plan illustrating manufacturing & station flow by using the assembly plan, tooling concepts, illustrations of assembly method, & prior experience & capability.  | A114.401   |                                       |         | A1.102   | Selected & Tentative Structure & Method of wfg. |
| Assembly Step Instructions   | 1 Set of directions for each step required to build up   | A632.301   |                                       | A6.102  | A632.301 | Work Packages, Priorities/                      |
| NODE                         | TITLE  | NUMBER: 10 |                                       |         |          |   |

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| NOTES   | 1              | 2         | 3    | 4      | 5    | 6       | 7 | 8 | 9 | 10 |

| Name  | Use Definition  | Code     | Synonym | OrqCode | OrqName | TraCode  | TraName   | Model nd |
|---|---|----------|---------|---------|---------|----------|---|----------|
| Asset In.                                   | A unique number assigned to each instance of owned equipment.                             | E260     |         |         |         |          |   |          |
| Assigned Carrier                            | Reflects carrier(s) assigned by the factory to transport purchase order items.            | F193     |         |         |         |          |   |          |
| Assigned Carrier used as delivering Carrier | Reflects the use of an assigned carrier as the delivering carrier.                        | E275     |         |         |         |          |   |          |
| Assigned Supplier                           | The supplier assigned to (selected for) a purchase order.                                 | F196     |         |         |         |          |   |          |
| Assy. & Inst. Problems                      | Problems identified during inspection &/or testing of an assembly or system installation. | A633.401 |         |         |         | A633.203 | Completions   |          |
| Assy. Problems                              | Problems identified during performance of assembly step.                                  | A632.302 |         |         |         | A63.201  | Problems In Instructions Request For planning Change. |          |

Tracking Info.

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| NODE | TITLE | NUMBER | 11 |
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|---|----------------|---|----------------------|---|---|---|---|---|---|---|----|---------------------------------------|--|----------------------------------|-----------------------------|--|
|   |                | 1   | 2                    | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                                       |  |                                  |                             |  |
| <p>NAME: Use Refinement      Code:      Synonym:      TraCode:      Title:      Model no:</p> |                |   |                      |   |   |   |   |   |   |   |    |                                       |  |                                  |                             |  |
| Availability Problems   | 1              | Difficulty in finding sources to provide materials.   | A52.102              |   |   |   |   |   |   |   |    | A521.202                              | Availability Problems (Schedule & Technical) | A5.202                           | Procurement Problems        |  |
| Availability Problems (No More Hidders)   | 1              | Difficulty in locating qualified bidders.   | A5212.101            |   |   |   |   |   |   |   |    | A521.202                              | Availability Problems (Schedule & Technical) |                                  |                             |  |
| Availability Problems (Schedule & Technical)  | 1              | Inability to find sources to provide materials & items according to schedule & technical requirements.  | A521.202             |   |   |   |   |   |   |   |    | A212.101                              | Availability Problems (No More Hidders)      | A52.102                          | Availability Problems       |  |
| Available Equipment Information   | 1              | Information regarding equipment on-hand or readily obtainable, e.g., age, condition, capabilities, etc. | A121.212             |   |   |   |   |   |   |   |    | A12.112                               | Available Resource Info.                     |                                  | A121.212                    |  |
| Available Equipment, Specs.   | 1              | List of equipment, & corresponding specifications available for use.                                    | A432.201             |   |   |   |   |   |   |   |    |                                       |  | A42.111                          | Specs., Condition Equipment |  |
| Available Equipment Tools   | 1              | Tools & equipment available for fabrication of detail parts.  | A333.3C5             |   |   |   |   |   |   |   |    | A0.401                                | Resource Characteristics                     | A333.2C5<br>A333.3C5<br>A333.4C7 |                             |  |
| Available Facilities  | 1              | Existing facilities that will satisfy   | A413.101<br>A413.201 |   |   |   |   |   |   |   |    |                                       |  | A41.111                          | Existing Facility           |  |

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|                                  |   | 1                    | 2       | 3       | 4                        | 5  | 6  | 7        | 8 | 9 | 10         |                                       |        |      |         |
| NOTES: 1 2 3 4 5 6 7 8 9 10      |   |                      |         |         |                          |  |  |          |   |   |            |                                       |        |      |         |
| Name                             | Use Definition  | Code                 | Synonym | UraCode | UraName                  | TrqCode                                      | TrqName  | Model no |   |   |            |                                       |        |      |         |
| Available Facilities Information | 1. The requirements & facilities that will satisfy the requirements are available for use.  | A413.301<br>A413.401 |         |         |                          | A4.103                                       | Specs. Facilities  |          |   |   |            |                                       |        |      |         |
| Available Information            | 1. Information regarding facilities that will satisfy the requirements are available for use.   | A121.112             |         | A12.112 | Available Resource Info. | A121.112                                     |  |          |   |   |            |                                       |        |      |         |
| Available In-House Resources     | 1. Information that may be utilized about optional materials.   | A3332.1C1            |         |         |                          | A3332.1C1                                    |  |          |   |   |            |                                       |        |      |         |
| Available Methods                | 1. Plant capacity, workforce, skills mix, technological know-how, etc., available within the firm.  | A112.201             |         |         |                          | A112.412                                     |  |          |   |   |            |                                       |        |      |         |
| Available Options                | 1. Available techniques used, such as Gantt charts, crew load charts, drawing release curves, etc., to identify & evaluate cost & schedule variances. | A24.111              |         |         |                          | A241.111<br>A241.211<br>A241.311<br>A241.411 | Schedule Method<br>Cost Methods<br>Display<br>Methodology<br>Available Monitoring Sys. |          |   |   |            |                                       |        |      |         |
| Available Options                | 1. Material types, alloys, or state of treatment which differ from the specified material but have been   | A3332.101            |         |         |                          | A3332.2C1                                    |  |          |   |   |            |                                       |        |      |         |
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|   |   |           |                                       |         |                          |          |         |          |
| NOTES: 1 2 3 4 5 6 7 8 9 10             |   |           |                                       |         |                          |          |         |          |
| Name                                    | Use Definition  | Code      | Synonym                               | OrgCode | OrgName                  | TraCode  | TraName | Model no |
| Available Outside (Vendor) Resources    | determined to be acceptable & are authorized for use.<br>1 Existing product lines, available capacity, past performance, interest, etc., of potential suppliers/subcontractors. | A112.301  |                                       |         |                          | A112.411 |         |          |
| Available Personnel, Skills, Etc. Info. | 1 Information on personnel, skills, etc., that may be utilized for production.  | A121.412  |                                       | A12.112 | Available Resource Info. | A121.412 |         |          |



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## 2.1.2 BWCS through Bu

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|                                   |   | NOTES          |         | 1                | 2                              | 3  | 4                  | 5        | 6 | 7    | 8 | 9          | 10 |
| Name                              | Use Definition  | Code           | Synonym | UraCode          | OrgName                        | TrqCode  | TrqName            | Model no |   |      |   |            |    |
| BCNS                              | 1 Budgeted cost of work scheduled - established budget values for work scheduled to be numeric value of work scheduled).  | A242.4C3       |         | A2.4C1<br>A2.4C2 | Budgets Coordinating Schedules | A242.4C3   |                    |          |   |      |   |            |    |
| Bar Chart Line in balance Formats | 1. Technique/method of displaying bar chart schedules line of balance charts.   | A241.101       |         |                  |                                | A241.3C2<br>A24.101  | Monitoring Methods |          |   |      |   |            |    |
| Batch Assembly Outline            | 1. A preplan of the gross approach for assembly flow.   | A332.202       |         |                  |                                | A332.311<br>A332.412   |                    |          |   |      |   |            |    |
| Batch Assy. Plan                  | 1. The general manufacturing concept which combines manufacturing resources to produce those assemblies (generally small) which can be produced in discrete lots. | A133.301       |         |                  |                                | A134.2C2<br>A134.3C4<br>A1341.1C2<br>A1341.2C3<br>A1341.3C3<br>A1341.4C3<br>A1.302 | Production Plans   |          |   |      |   |            |    |
| Blender List                      | 1. List of qualified suppliers presenting offers for material supply.   | A5212.102      |         |                  |                                | A5212.2C1  |                    |          |   |      |   |            |    |
| Bill of Material Drawing Callout  | 1. A requirement for a specific engineering drawing by a bill of material item.   | F130           |         |                  |                                |  |                    |          |   |      |   |            |    |
| NODE                              |   | TITLE          |         |                  |                                |  |                    |          |   |      |   | NUMBER: 15 |    |

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|  |  | 1         | 2       | 3       | 4       | 5       | 6       | 7        | 8 | 9 | 10     |               |                         |        |      |         |
| NOTES: 1 2 3 4 5 6 7 8 9 10              |  |           |         |         |         |         |         |          |   |   |        |               |                         |        |      |         |
| Name                                     | Use Definition   | Code      | Synonym | OrdCode | TrqName | TrqCode | TrqName | Model nd |   |   |        |               |                         |        |      |         |
| Bill of Material Item                    | F A uniquely identifiable element of a bill of material.                                       | FAR       |         |         |         |         |         |          |   |   |        |               |                         |        |      |         |
| Bill of Material Item No.                | A A number serially assigned to each item of an end item bill of material.                     | E68       |         |         |         |         |         |          |   |   |        |               |                         |        |      |         |
| Bill of Material Part for Callout        | F Reflects the use of a specific part lot in the construction of an end item.                  | F294      |         |         |         |         |         |          |   |   |        |               |                         |        |      |         |
| Bill of Material Serialized Part Callout | F Reflects the use of a specific serialized part instance in the construction of an end item.  | E295      |         |         |         |         |         |          |   |   |        |               |                         |        |      |         |
| Bill of Material Specification Callout   | F Reflects the use of a specific engineering specification in the construction of an end item. | F296      |         |         |         |         |         |          |   |   |        |               |                         |        |      |         |
| Budget Plans                             | I Plans for allocation of funds for cost planning packages.                                    | A23.101   |         |         |         | A2.301  | Budgets |          |   |   |        |               |                         |        |      |         |
| Budget Program Authorization             | I Incident bearing cost account package identify accounting program control                    | A23.401   |         |         |         | A23.511 |         |          |   |   |        |               |                         |        |      |         |
| NODE                                     | TITLE  |           |         |         |         |         |         |          |   |   | NUMBER |               | 16                      |        |      |         |

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| Name              | Use Definition | Code  | Synonym                     | OrqCode                 | OrqName | TrqCode | TrqName                            | Model no |  |  |  |  |      |        |         |
| Budgeted Capacity | 1              | Total in-house facility resources allocated for production of a specific product.   |                             | A61.2C2                 |         | A6.1C2  | Schedules, Rudnets/Status Problems |          | A612.2C1                                     |  |  |  |      |        |         |
| Buildup Rates     | 1              | Most efficient production acceleration plan that will support customer delivery requirements.                             |                             | A223.101                |         |         |                                    |          | A223.2I1<br>A223.3I3<br>A223.4I2<br>A223.5I4 |  |  |  |      |        |         |
| Buy               | 1              | Authorization to purchase selected equipment.   |                             | A422.1I1                |         | A42.102 | Equipment Orders                   |          |  |  |  |  |      |        |         |
| Buyer             | 1              | An employee of the company who is authorized to negotiate with suppliers & issue purchase orders on the company's behalf. |                             | F25                     |         |         |                                    |          |  |  |  |  |      |        |         |
| Buyer Assignment  | 1              | Reflects the assignment of a specific purchase request item to an individual buyer.                                       |                             | F196                    |         |         |                                    |          |  |  |  |  |      |        |         |
| Buyer Name        | 1              | The name of the buyer.  |                             | F25                     |         |         |                                    |          |  |  |  |  |      |        |         |

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| Name      | Use Definition  | Code | Synonym | NraCode | NraName | TraCode | TraName | Model nd |
|-----------|---|------|---------|---------|---------|---------|---------|----------|
| Buyer no. | A A unique identifying number assigned to each buyer. | K25  |         |         |         |         |         |          |

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2.1.3 C/SCS through Cy

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| Name                               | Use Definition  | Code   | Synonym | UrqCode | DrqName | TrqCode                                      | TrqName              | Model nd |
|------------------------------------|---|--|---------|---------|---------|--|----------------------|----------|
| C/SCS Requirements                 | 1 Cost/schedule control system performance measurement & reporting requirements contractually imposed on government procurement programs.           | A241.1C2<br>A241.2C2<br>A241.3C4<br>A241.4C1 |         |         |         | A242.1C2<br>A241.2C2<br>A241.3C4<br>A241.4C1 |                      |          |
| Carrier Name                       | A The name by which a carrier is known.   | F106   |         |         |         |  |                      |          |
| Carrier No.                        | A A unique number assigned to each carrier.   | F106   |         |         |         |  |                      |          |
| Change Requests                    | 1 May include unsolicited proposals for major changes to the product as well as requests to make minor changes in the specification of the product. | A-1.1C2                                      |         |         |         | A-2.102                                      |                      |          |
| Changed Requirements               | 1 Revisions to facilities needs.  | A4112.301                                    |         |         |         | A411.2C1                                     | Problems             |          |
| Characteristics of Available Tools | 1 Descriptions of the capabilities of tools including size & special features.  | A43.201                                      |         |         |         | A4.302                                       | Tool Characteristics |          |
| Chart Name Report Formats          | 1 Method, style or arrangement for displaying information   | A241.301                                     |         |         |         | A24.101                                      | Monitoring Methods   |          |

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|          |                     | NOTES: 1   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |        |      |          |
|          |                     | <p>NAME Use Definition Code Synonym</p> <p>ORC Code ORC Name</p> <p>TrqCode TrqName</p> <p>Model nd</p>  |   |   |   |   |   |   |   |   |    |        |      |          |
|          |                     | <p>Communication 1 Includes RFQ's, accp-<br/>With quotes, pn's, accep-<br/>Suppliers tances, inquiries,<br/>&amp; responses of both<br/>technical &amp; contrac-<br/>tual nature initiated<br/>from either side.</p> |   |   |   |   |   |   |   |   |    |        |      |          |
|          |                     | <p>Company 1. Set of company<br/>Procedures directions for<br/>accomplishing a<br/>certain task.</p>   |   |   |   |   |   |   |   |   |    |        |      |          |
|          |                     | <p>Complete 1. Combinations of fab-<br/>Fab Outline rication operations<br/>&amp;/or inspection steps<br/>required to produce<br/>as specified.</p>  |   |   |   |   |   |   |   |   |    |        |      |          |
|          |                     | <p>Complete 1. The completed con-<br/>Facilities struction &amp; acceptance<br/>of the facility to<br/>support the identified<br/>work.</p>  |   |   |   |   |   |   |   |   |    |        |      |          |



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|--------------------------------------|--|--|-----------------------------|---------|---------|----------------------------------|---|----------|--|--|---------|--|--|--------|------|---------|
|                                      |  |  |                             |         |         |                                  |   |          |  |  |         |  |  |        |      |         |
| Name                                 | Use Definition   | Code   | Synonym                     | DraCode | DraName | TrqCode                          | TrqName   | Model no |  |  |         |  |  |        |      |         |
| Completed Master Schedule/Unapproved | 1. Complete but still requires program & upper management approval.  | A714.101   |                             |         |         | A413.411                         | Materials & Supplies Completed Facilities, Operating Materials & Supplies |          |  |  |         |  |  |        |      |         |
| Completion Reports                   | 1. Reports showing those parts that have had their production instructions completed.  | A3.404   |                             |         |         | A3.113                           |   |          |  |  |         |  |  |        |      |         |
| Completions                          | 1. Completing a formalized manufacturing step such as fabricating a support, part, installation, etc. to drawing specifications. | A631.401<br>A631.301<br>A632.401<br>A632.301<br>A633.301<br>A633.401 |                             |         |         | A631.2C3<br>A632.2C3<br>A633.2C3 |   |          |  |  |         |  |  |        |      |         |
| Component Part                       | 1. A part which is used as a component of another part.  | E299   |                             |         |         |                                  |   |          |  |  |         |  |  |        |      |         |
| Component Part Callout               | 1. A part indicated by a production order form which is to be used in an as is   | F230   |                             |         |         |                                  |   |          |  |  |         |  |  |        |      |         |
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|                               |                | NOTES: 1 2 3 4 5 6 7 8 9 10  |         |         |         |         |         |          |  |  |  |           |         |               |  |        |  |      |  |         |  |
| Name                          | Use Definition | Code   | Synonym | OrgCode | OrgName | TrnCode | TrnName | Model no |  |  |  |           |         |               |  |        |  |      |  |         |  |
| Conformance Certification     | F              | Product. Objective evidence, resulting from some form of inspection, which indicates the degree to which the subject of the inspection conforms to the applicable specification(s).                                  | F92     |         |         |         |         |          |  |  |  |           |         |               |  |        |  |      |  |         |  |
| Conformance Certification No. | F              | A unique number assigned to each conformance certification.  | F02     |         |         |         |         |          |  |  |  |           |         |               |  |        |  |      |  |         |  |
| Contract                      | F              | An agreement between the company & one of its customers for the provision of specified products &/or services by the company in return for compensation from the customer per mutually agreeable terms & conditions. | F81     |         |         |         |         |          |  |  |  |           | A23.412 |               |  |        |  |      |  |         |  |
| Contract Accounting           | I              | Order number or contract level accounting, normally denoting program lot buys.   | A23.201 |         |         |         |         |          |  |  |  |           |         |               |  |        |  |      |  |         |  |
| Contract                      | F              | A uniquely identified  | F114    |         |         |         |         |          |  |  |  |           |         |               |  |        |  |      |  |         |  |

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|                           |  | NOTES                |         | 1                  | 2  | 3                    | 4       | 5        | 6 | 7 | 8 | 9 | 10 |                                       |  |        |  |      |  |         |  |
| Name                      | Use Definition   | Code                 | Synonym | DrqCode            | DrqName                                    | TrqCode              | TrqName | Model no |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Item                      | able occurrence of a deliverable contract requirement.   |                      |         |                    |  |                      |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Contract Item no.         | A A unique number assigned to each item of a contract.   | E114                 |         |                    |  |                      |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Contract Lot Releases     | 1. deliverable blocks of items determined by contractual agreement.  | A23.2C2              |         |                    |  |                      |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Contract Milestones       | 1 Significant major events in the development of a program which are normally monitored to fulfill contractual requirements. | A213.2I2<br>A222.4I4 |         | A21.3I1<br>A22.2I2 | Delivery<br>Schedule<br>Master<br>Schedule | A213.2I2<br>A222.4I4 |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Contract Number           | A A unique number that identifies an occurrence of contract.   | EP1                  |         |                    |  |                      |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Contract Production Order | 1 A production order which is issued to fulfill one or more contract requirements for a part.                                | F223                 |         |                    |  |                      |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |
| Contract Purchase Order   | 1 Reflects purchase orders which have been issued to satisfy contract  | F192                 |         |                    |  |                      |         |          |   |   |   |   |    |                                       |  |        |  |      |  |         |  |

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| NOTES: 1 2 3 4 5 6 7 8 9 10                  |   |                      |  |         |         |                     |                       |
| Name   | Use Definition  | Code                 | Synonym  | OrgCode | OrgName | TrqName             | Model nd              |
| Contract<br>Purchase<br>Request              | Reflects the occurrence of purchase requests which exist to satisfy requirements for procurement of materials &/or services which are specific to a contract. | F172                 |  |         |         |                     |                       |
| Contract<br>Revision                         | A modification to the wording of a contract, which may affect the product &/or services ordered, terms & conditions of sale, etc.                             | F84                  |  |         |         |                     |                       |
| Contract<br>Revision No.                     | A unique number assigned to each contract revision.   | F84                  |  |         |         |                     |                       |
| Contracts,<br>Budgets                        | Fiscal agreements & funds allocations used to direct & control a manufacturer doing his job.  | A-2.101              |  |         |         | A-2.4C3<br>A-1.1C1  |                       |
| Contractual<br>Conflicts<br>Responsibilities | Identified schedule discrepancies between preliminary master schedule & contractual requirement   | A213.201<br>A214.211 |  |         |         | A21.301<br>A214.211 | Schedule<br>Conflicts |
| TITLE:                                       |   |                      |  |         |         | NUMBER:             | 25                    |

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| NOTES   |                | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |           |         |  |  |                                       |          |      |  |          |  |
| Name  | Use Definition | Code           |   |   |   |   |   |   |   |   |    | Synonym   | UrgCode | OrigName   | TrqCode  | TrqName                               | Model nd |      |  |          |  |
| Control Equipment   | F              | A423           |   |   |   |   |   |   |   |   |    |           |         |  |  |                                       |          |      |  |          |  |
| <p>dates &amp; organization(s) responsible for resolution.</p> <p>This function is responsible for control, movement, &amp; accounting of facilities equipment. It moves equipment (box 2) when required &amp; is responsible for equipment control (property accounting.) (box 3).</p> |                |                |   |   |   |   |   |   |   |   |    |           |         |  |  |                                       |          |      |  |          |  |
| Coordinate Facility Development   | F              | A412           |   |   |   |   |   |   |   |   |    |           |         |  |  |                                       |          |      |  |          |  |
| <p>This coordination function justifies &amp; obtains approval for the new facility design (box 1). It then obtains bids &amp; lets contracts (box 2), then handles the interface with the design &amp; support groups (box 3).</p>   |                |                |   |   |   |   |   |   |   |   |    |           |         |  |  |                                       |          |      |  |          |  |
| Coordinating Schedules  | I              | A2.201         |   |   |   |   |   |   |   |   |    |           | A22.201 | First Article Schedule Production Schedules Support Activity Schedules | A23.1C1<br>A23.2C1<br>A23.5C1<br>A24.2C1<br>A0.202 | Schedule & Budgets Schedules, Budgets |          |      |  |          |  |
| <p>Schedules which show required completion dates for items which pass between engineering, planning, materials, resources &amp; production (e.g.,</p>  |                |                |   |   |   |   |   |   |   |   |    |           |         |  |  |                                       |          |      |  |          |  |

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|   |  | NOTES: 1      | 2       | 3       | 4       | 5  | 6                             | 7        | 8 | 9 | 10 |                  |        |      |         |
| Name                                      | Use Definition   | Code          | Synonym | NraCode | NraName | TrqCode                                      | TrqName                       | Model no |   |   |    |                  |        |      |         |
| Cost Account                              | F A financial account to which costs are charged.  | E4            |         |         |         | A24.2C2                                      | Schedule & Budgets            |          |   |   |    |                  |        |      |         |
| Cost Account no.                          | A A number which uniquely identifies a cost account.   | E4            |         |         |         |  |                               |          |   |   |    |                  |        |      |         |
| Cost Account Packages                     | I. Cost Account Packages - Measurable elements of work, budgeted at the lowest level of the WBS at which cost performance is measured. | A23.302       |         |         |         | A23.4I1                                      |                               |          |   |   |    |                  |        |      |         |
| Cost Account Schedule Measurement Systems | I. Cost and schedule tracking systems.   | A741.401      |         |         |         | A24.101                                      | Monitoring Methods            |          |   |   |    |                  |        |      |         |
| Cost Data                                 | I. Cost information of available methods & resources.  | A12.213       |         |         |         | A1.1C3                                       | Experience & Capability Info. |          |   |   |    |                  |        |      |         |
| Cost                                      | Approximations of  | A122.401      |         |         |         | A122.1I3<br>A122.2I3<br>A122.3I3<br>A123.2C1 |                               |          |   |   |    |                  |        |      |         |
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|                                     |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |          |                   |          |                                  |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Name                                | Use Definition   | Code                        | Synonym | OrgCode  | OrgName           | TrnCode  | TrnName                          | Model no |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Estimates                           | recurring, nonrecurring & vendor costs.  | A17.2C1                     |         | A0.1C1   | Prod. Mfg. Req'ts | A1.201   | Resource Plans, Time & Cost Est. |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Cost Limits, I. Acquisitions Req'ts | Financial constraints & acquisition decisions external to the manufacturing environment which influence the cost of making or buying the selected product. |                             |         |          |                   |          |                                  |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Cost. Schedule Problems             | I. problems that inhibit the completion of the job within established cost & time predictions.   | A4112.202                   |         |          |                   | A411.2C1 | Problems                         |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Cost Status Reports (ACSP)          | I. cost status reports provide the actual cost of work performed (ACWP).   | A242.402                    |         |          |                   | A24.201  | Status Reports                   |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Costing Procedures                  | I. Corporate guidelines for estimating costs.  | A122.4C1                    |         |          |                   | A122.4C1 |                                  |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Costs                               | I. Recorded costs by accounting package by function & summary. (ACUP = Actual Cost of Work Performed)  | A421.501                    |         |          |                   | A421.6T1 |                                  |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |
| Costs Inc                           | I. Actual costs incurred   | A242.401                    |         |          |                   | A24.202  | Actuals                          |          |  |  |  |  |  |                                       |  |        |  |      |  |         |  |

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| NOTES:   |  | 1                | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |            |  |                                       |  |        |  |      |  |          |  |

| Name                           | Use Definition   | Code                 | Synonym | NraCode | NraName | TrqCode              | TrqName | Model nd |
|--------------------------------|--|----------------------|---------|---------|---------|----------------------|---------|----------|
| Function, Elements, Etc.       | by each function.  |                      |         |         |         |                      |         |          |
| Count & Identity               | 1. Number of items/tools & their identification.   | A622.102             |         |         |         | A622.4C2             |         |          |
| Counted Items & Tools in Store | 1. Items & tools which have been accounted for & identified, not required for immediate delivery or usage, & have been prepared for storage. | A622.103             |         |         |         | A622.2I1             |         |          |
| Critical Mat'l Items           | 1. Purchased components & raw materials which are identified as critical due to complexity &/or length of acquisition time.                  | A142.102             |         |         |         | A142.2C1             |         |          |
| Current Work Force Information | 1. Numbers of presently enrolled personnel, skill mix, present workloads & related data.   | A145.211<br>A145.312 |         |         |         | A145.211<br>A145.312 |         |          |
| Customer                       | 1. Person or persons (or legal entity) with whom the company has agreed to perform specific services &/ or produce a specific                |                      |         |         |         |                      |         |          |

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| NOTES: 1 2 3 4 5 6 7 8 9 10                  |  |          |  |          |          |          |          |          |
| Name   | Use Definition   | Code     | Synonym                                  | OrigCode | OrigName | TranCode | TranName | Model no |
| Customer Equipment Conformance Certification | A conformance certification which is for a serialized instance of customer owned equipment.              | E264     |  |          |          |          |          |          |
| Customer Equipment Instance                  | A serialized instance of customer owned equipment.   | E259     |  |          |          |          |          |          |
| Customer Equipment Requirement               | Reflects an equipment callout which is for a serialized instance of customer owned equipment.            | E257     |  |          |          |          |          |          |
| Customer Equipment Type                      | An equipment type which is owned by the customer.  | E278     |  |          |          |          |          |          |
| Customer Equipment Work Station Assignment   | Reflects the assignment of a serialized instance of customer owned equipment to a specific work station. | E276     |  |          |          |          |          |          |
| Customer No.                                 | A unique number assigned to each customer.   | F1       |  |          |          |          |          |          |
| Customer                                     | A conformance certification  | E249     |  |          |          |          |          |          |

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| Name   | Use Definition   | Code          | Synonym | OrdCode | OrdName | TrqCode              | TrqName | Model nd |
|--|--|---------------|---------|---------|---------|----------------------|---------|----------|
| Tool<br>Conformance<br>Certifica-<br>tion      | ation which is appli-<br>cable to a serialized<br>instance of a<br>customer owned tool.                                  |               |         |         |         |                      |         |          |
| Customer<br>Tool<br>Instance                   | F A serialized instance<br>of a customer<br>tool.  | F243          |         |         |         |                      |         |          |
| Customer<br>Tool<br>Requirement                | F A tool callout which<br>is for a serialized<br>instance of a customer<br>owned tool.                                   | F244          |         |         |         |                      |         |          |
| Customer<br>Tool type                          | F Reflects a tool type<br>which is owned by the<br>customer.   | F284          |         |         |         |                      |         |          |
| Customer<br>Tool Work<br>Station<br>Assignment | F Reflects the assign-<br>ment of a serialized<br>instance of a<br>customer owned tool<br>to a specific work<br>station. | E292          |         |         |         |                      |         |          |
| Cycle Days                                     | F Number of days histor-<br>ically required to<br>complete the sequence<br>of operations for a<br>particular station.    | A123.102      |         |         |         |                      |         |          |
|  |  |               |         |         |         | A123.2C3<br>A123.3C1 |         |          |
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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |  |        |      |         |

| Name                               | Use Definition  | Code     | Synonym | OrgCode | OrgName         | TrnCode              | TrnName            | Model no |
|------------------------------------|---|----------|---------|---------|-----------------|----------------------|--------------------|----------|
| Date Closed                        | A Date on which the processing of a purchase order is complete.                               | F26      |         |         |                 |                      |                    |          |
| Date Required                      | A The date the item is required by the requester.   | F23      |         |         |                 |                      |                    |          |
| Deliveries Against Shortages       | I Items & tools delivered to satisfy requirements due to shortages.                           | A623.212 |         | A62.202 | The Inventory   | A623.212<br>A623.312 |                    |          |
| Delivering Carrier                 | F The carrier who actually transported the supplier delivery to the factory.                  | E274     |         |         |                 |                      |                    |          |
| Delivery Conformance Certification | F A conformance certification for a specific supplier delivery.                               | F267     |         |         |                 |                      |                    |          |
| Delivery History                   | I A record of vendor performance with respect to actual deliveries vs. schedule requirements. | A59.301  |         |         |                 | A521.3C3             | Vendor Performance |          |
| Delivery Perception                | F Reflects the reflection of some portion delivery.   | F266     |         |         |                 |                      |                    |          |
| Delivery Requirements              | I Item delivery schedule & product  | A17.3C2  |         | A0.1C1  | Prod. Mfg. Reqs | A173.1C1             |                    |          |

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|                        |  |                |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |   |                      |                     |          |  |  |  |  |  | RECOMMENDED PUBLICATION |  |        |  |      |  |         |  |
| Name                   | Use Definition   | Code           | Synonym | OrqCode                     | OrqName                                     | TrqCode              | TrqName             | Model no |  |  |  |  |  |                         |  |        |  |      |  |         |  |
| Delivery Schedule      | I End item schedule negotiated between customer & corporate officials.   | A21.312        |         | A2.111                      | Prod. Scheduling (delivery date) req'ts WBS | A213.111<br>A213.212 | Contract milestones |          |  |  |  |  |  |                         |  |        |  |      |  |         |  |
| Demands For Assistance | I A request from users of equipment for special maintenance, repair, covered by normal maintenance scheduling i.e., breakdown in equipment modification of equipment, special calibration, proof loading, etc. | A424.3C3       |         |                             |   | A424.3C3<br>A424.4C3 |                     |          |  |  |  |  |  |                         |  |        |  |      |  |         |  |
| Department             | I An organizational unit E115 of the company with specific functions & responsibilities.   |                |         |                             |   |                      |                     |          |  |  |  |  |  |                         |  |        |  |      |  |         |  |
| Department Name        | I A name which describes E115 the primary function of a department.  |                |         |                             |   |                      |                     |          |  |  |  |  |  |                         |  |        |  |      |  |         |  |
| Department No.         | I A number which uniquely identifies each department.  | E115           |         |                             |   |                      |                     |          |  |  |  |  |  |                         |  |        |  |      |  |         |  |
| Design                 | F Is an activity which A-1   | A-1            |         |                             |   |                      |                     |          |  |  |  |  |  |                         |  |        |  |      |  |         |  |

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|                                    |  |                        |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
| Name                               | Use Definition   | Code                   | Synonym                     | OrgCode | OrgName | TrnCode | TrnName | Model nd |  |  |  |    |               |        |      |         |
| Product                            | occurs basically once; but of course, as there are changes to the design, some amount of redesign does occur.  |                        |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
| Detail Inspection Reports          | 1. Status information about detail parts as to their acceptance or rejection by Quality Assurance.   | A631.403               |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
|                                    |  |                        |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
| Detail Parts Raw Materials & Tools | 1. Items that make up sub-assy kits which are comprised of raw materials, component parts, & tools required for production of a specific quality of some item. | A632.211<br>A632.311   |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
|                                    |  |                        |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
| Detailed Drawings                  | 1 Drawings depicting detail structural design & facilities requirements.   | A4113.102<br>A4113.202 |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
|                                    |  |                        |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
| Detailed Equipment                 | 1 In-depth specifications for the equip-   | A421.101<br>A421.201   |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
|                                    |  |                        |                             |         |         |         |         |          |  |  |  |    |               |        |      |         |
| MODE                               | TITLE  | NUMBER                 |                             |         |         |         |         |          |  |  |  | 35 |               |        |      |         |

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| USED AT                             |  | AUTHOR PROJECT   |  | DATE REV  |   |         |   |           |   |  |   |  |    | WORKING DRAFT RECOMMENDED PUBLICATION |  | READER   |  | DATE |  | CONTEXT |  |
|-------------------------------------|--|--|--|-----------|---|---------|---|-----------|---|--|---|--|----|---------------------------------------|--|----------|--|------|--|---------|--|
|                                     |  |  |  | 1         | 2 | 3       | 4 | 5         | 6 | 7  | 8 | 9  | 10 |                                       |  |          |  |      |  |         |  |
| Name                                |  | Use Definition   |  | Code      |   | Synonym |   | OrdCode   |   | OrdName                                  |   | TrdCode                                      |    | TrdName                               |  | Model nd |  |      |  |         |  |
| Specs.                              |  | ment used to produce the product.  |  | A421.302  |   |         |   |           |   |  |   | A421.5J1<br>A421.612<br>A4.201               |    | Equip.<br>Char.                       |  |          |  |      |  |         |  |
| Detailed Fab Step                   |  | 1. A set of instructions for doing a fabrication step.   |  | A3334.501 |   |         |   | A3334.201 |   | Machine Type Selection Part & Tool Setup |   | A333.403                                     |    | Instructions                          |  |          |  |      |  |         |  |
| Detailing Problems                  |  | 1. A listing of steps in the fabrication or batch assembly outline that require changes or refinements as a result of developing detailed production instructions. |  | A3334.502 |   |         |   |           |   |  |   | A332.2C6<br>A333.2C4<br>A333.3C4<br>A333.4C6 |    |                                       |  |          |  |      |  |         |  |
| Determine Setup                     |  | F This activity provides the setup information for the item, tool, & machine setups (Boxes 1 through 3 respectively), for each fabrication step.                   |  | A33343    |   |         |   |           |   |  |   |  |    |                                       |  |          |  |      |  |         |  |
| Develop Facilities & Equipment Plan |  | F This activity is part of the Development Port Activities Plan & provides the initial   |  | A144      |   |         |   |           |   |  |   |  |    |                                       |  |          |  |      |  |         |  |

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| NODE |  | TITLE |  | NUMBER |  | 36 |  |
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| USED AT                     | AUTHOR:<br>PROJECT: | DATE:<br>REV: | DATE  | READER      | CONTEXT     |
|                             |                     |               |       |             |             |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     | WORKING       | DRAFT | RECOMMENDED | PUBLICATION |

| Name                       | Use Definition   | Code | Synonym | OrgCode | OrgName | TrqCode | TrqName | Model nd |
|----------------------------|--|------|---------|---------|---------|---------|---------|----------|
| Development Personnel Plan | Facilities & Equipment Plan. The input is the Production Plans & the outputs are the Initial Facilities & Equipment Plan & Request for Engineer- ing Changes.  | A145 |         |         |         |         |         |          |
| Development & Produce      | This activity is part of the Development Support Activities Plan & provides the Initial Personnel Plan. Inputs are the Production Plans & current workforce information & the output is the Personnel Plan.                        | A143 |         |         |         |         |         |          |
| Development Tooling Plan   | Manage, design, manufacture & support the product.   | A-2  |         |         |         |         |         |          |
|                            | This activity is part of the Development Support Activities Plan & provides the Initial Tooling Plan. The primary input is the Fabrication & Assembly Plan & the outputs are the Tooling Plan & request for Engineer- ing Changes. | A143 |         |         |         |         |         |          |

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|--|--|----------------------------------|---------|---------|---------|--------------------------------|---|----------|---|---|---|--|--------|------------|---------|
|  |  | NOTES                            | 1       | 2       | 3       | 4                              | 5   | 6        | 7 | 8 | 9 |  |        |            |         |
| Name   | Use Definition   | Code                             | Synonym | NrcCode | OrgName | TrqCode                        | TrqName   | Model no |   |   |   |  |        |            |         |
| Deviation<br>Waiver                                  | F Authorization for the<br>factory to use an<br>instance of a part<br>which exhibits minor<br>deviations from the<br>corresponding speci-<br>fication. | E109                             |         |         |         |                                |   |          |   |   |   |  |        |            |         |
| Deviation<br>Waiver No.                              | A A unique number<br>assigned to each<br>deviation waiver.   |                                  |         |         |         |                                |   |          |   |   |   |  |        |            |         |
| Disassembled<br>Sub-Parts<br>(Needing<br>Reassembly) | I parts that have been<br>disassembled as a<br>result of test/<br>checkout procedures<br>& need further<br>assembly.                                   | A6.403<br>A6.403                 |         |         |         | A6.212<br>A6212                | Production<br>Items   |          |   |   |   |  |        |            |         |
| Disbursement<br>Records                              | I Requisitions & other<br>documents indicating<br>items released from<br>the storage area.   | A623.201<br>A623.301             |         |         |         | A62.303                        | Disbursement<br>Shortage<br>Records   |          |   |   |   |  |        |            |         |
| Disbursement<br>Shortage<br>Records                  | I Disbursement records<br>& listings of items<br>required & not in<br>stock.   | A623.201<br>A623.301<br>A623.102 |         |         |         | A62.4C1<br>A62.4C1<br>A623.102 | Disbursement<br>Records<br>Disbursement<br>Records<br>Disbursement<br>Records,<br>Shortage<br>Records |          |   |   |   |  |        |            |         |
| Disburse-  | I Items & tools  | A624.1C1                         |         |         |         | A62.4C1<br>A624.1C1            | Transactions  |          |   |   |   |  |        |            |         |
| NOTE   | TITLE:   |                                  |         |         |         |                                |   |          |   |   |   |  |        | NUMBER: 38 |         |

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| USED AT | AUTHOR PROJECT |  | DATE REV                    |  |  |  |  |  |  |  |  |  | WORKING DRAFT           | READER | DATE | CONTEXT |
|         |                |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |  |  |  |  |  |  |  |  |  | RECOMMENDED PUBLICATION |        |      |         |

| Name                      | Use Definition  | Code     | Synonym | DraCode | OrName | TraCode  | TraName | Model no |
|---------------------------|---|----------|---------|---------|--------|----------|---------|----------|
| ments, Receipts           | delivered & received plus the necessary accompanying records.                                   |          |         |         |        |          |         |          |
| Drawing in.               | A A unique number assigned to each engineering drawing.   | A12      |         |         |        |          |         |          |
| Downlap Standard          | A Allowable number of times per year that the machine can go down without serious consequences. | F51      |         |         |        |          |         |          |
| Drawing Release Schedules | 1 Planned engineering drawing release dates.  | A222.3C1 |         |         |        | A222.3C1 |         |          |

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| NODE | TITLE | NUMBER |
|      |       | 39/40  |

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| USED AT                     | AUTHOR:<br>PROJECT: | DATE:<br>REV: | DATE | READER | WORKING |             |             | CONTEXT |
|                             |                     |               |      |        | DRAFT   | RECOMMENDED | PUBLICATION |         |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |      |        |         |             |             |         |

## 2.1.5 EAC through Ex

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |  |        |      |          |

| Name  | Use Definition   | Code     | Synonym | OrgCode | OrgName | TrqCode             | TrqName               | Model nd |
|---|--|----------|---------|---------|---------|---------------------|-----------------------|----------|
| EAC, RCUS/<br>RCUS, Cost<br>To Schedule<br>(Earned<br>Value)<br>Performance<br>Measurement<br>Formats | EAC-(Estimate at<br>completion) a formal<br>estimate of final<br>costs RCUS-(Budgeted<br>cost of work<br>scheduled) Established<br>budget values for work<br>scheduled to be per-<br>formed (the numeric<br>value of work<br>scheduled). | A241.201 |         |         |         | A241.3C1<br>A24.101 | Monitoring<br>Methods |          |
| Employee  | A person on the<br>company payroll.  | F116     |         |         |         |                     |                       |          |
| Employee  | A full name of the   | F116     |         |         |         |                     |                       |          |

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| NOTE: | TITLE: | NUMBER: | 41 |
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| USED AT                   |  | AUTHOR PROJECT |         | DATE REV. |   |   |   |   |   |   |   |   |    | WORKING DRAFT RECOMMENDED PUBLICATION |         | READER  |         | DATE     |  | CONTEXT |  |
|---------------------------|--|----------------|---------|-----------|---|---|---|---|---|---|---|---|----|---------------------------------------|---------|---------|---------|----------|--|---------|--|
|                           |  |                |         | 1         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                                       |         |         |         |          |  |         |  |
|                           |  | NOTES:         |         | 1         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                                       |         |         |         |          |  |         |  |
| Name                      | Use Definition   | Code           | Synonym |           |   |   |   |   |   |   |   |   |    | DocCode                               | DocName | TrnCode | TrnName | Model no |  |         |  |
| Name                      | employee.  |                |         |           |   |   |   |   |   |   |   |   |    |                                       |         |         |         |          |  |         |  |
| Employee No.              | A A unique number identifying the employee.  | E116           |         |           |   |   |   |   |   |   |   |   |    |                                       |         |         |         |          |  |         |  |
| Employee Skill            | F Reflects skills which may be represented by employees in the factory.  | F236           |         |           |   |   |   |   |   |   |   |   |    |                                       |         |         |         |          |  |         |  |
| End Item                  | F An instance of a product which the customer has ordered; an end item may be physical, or non-physical in nature (such as an event). A physical end item may be identified by a unique serial number, while a non-physical end item is represented by uniquely identifiable document evidence of having been performed. | E5             |         |           |   |   |   |   |   |   |   |   |    |                                       |         |         |         |          |  |         |  |
| End Item Bill of Material | F Reflects the construction of an end item.  | E118           |         |           |   |   |   |   |   |   |   |   |    |                                       |         |         |         |          |  |         |  |
| End Item Serial no.       | F A serially assigned number that uniquely identifies an instance  | E5             |         |           |   |   |   |   |   |   |   |   |    |                                       |         |         |         |          |  |         |  |
| NODE                      |  | TITLE          |         |           |   |   |   |   |   |   |   |   |    | NUMBER                                |         | 42      |         |          |  |         |  |

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| USED AT  |                | AUTHOR PROJECT |         | DATE REV.                   |         |         |         |          |  |            |  |  |  | WORKING DRAFT RECOMMENDED PUBLICATION |  | READER |  | DATE |  | CONTEXT |  |
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|  |                |                |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Name   | Use Definition | Code           | Synonym | OrgCode                     | OrgName | TrqCode | TrqName | Model no |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Eng. Change Item No.   | A              | E119           |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| of an end item within a contract.  |                |                |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Eng. Change Item No.   | A              | E14            |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| A serially assigned number which uniquely identifies an occurrence of an engineering change.   |                |                |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Engineering Item Material  | 1              | A0.2C3         |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| A bill of material listing the components or details shown or described on the engineering drawing with sufficient information to purchase or make them. |                |                |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Engineering Change   |                | E14            |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Reflects a uniquely identifiable grouping of revisions to previously released engineering documents.   |                |                |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| Engineering Change Item  |                | E119           |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| An identifiable item of engineering change which identifies the specific engineering drawing or engineering specification being                          |                |                |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |
| TITLE  |                |                |         |                             |         |         |         |          |  | NUMBER: 43 |  |  |  |                                       |  |        |  |      |  |         |  |
| NODE   |                |                |         |                             |         |         |         |          |  |            |  |  |  |                                       |  |        |  |      |  |         |  |

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| USED AT | AUTHOR PROJECT       | DATE REV. | WORKING DRAFT RECOMMENDED PUBLICATION | READER | DATE | CONTEXT |
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| NOTES   | 1 2 3 4 5 6 7 8 9 10 |           |                                       |        |      |         |

| Name                        | Use Definition  | Code   | Synonym | OrqCode | OrqName                     | TrqCode | TrqName                                  | Model nd |
|-----------------------------|---|--|---------|---------|-----------------------------|---------|--|----------|
| Engineering Change No.      | A (see Eng. Change Item No.)  |  |         |         |                             |         |  |          |
|                             | revised.  |  |         |         |                             |         |  |          |
| Engineering Change No.      | A (see Eng. Change Item No.)  |  |         |         |                             |         |  |          |
| Engineering Change Requests | I Requests that the design of a product be changed in some manner (to improve form, fit, function, producibility, etc.) | A333.202<br>A331.201<br>A143.301<br>A32.202<br>A141.101<br>A132.201<br>A114.101<br>A334.101<br>A332.201<br>A144.201<br>A32.302<br>A142.101<br>A132.301<br>A131.201<br>A-1.412<br>A333.401<br>A144.301<br>A134.201<br>A143.202<br>A133.202<br>A131.301<br>A331.102<br>A333.301<br>A32.102<br>A134.301<br>A132.101 |         |         | A-1.201<br>A0.1C2<br>A0.3C3 |         | Requests For Changes<br>Changes Requests |          |

| MODE: | TITLE: | NUMBER: | 44 |
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|         |                     |               |                             |  |        |      |         |
|         |                     |               |                             |  |        |      |         |
|         |                     |               |                             |  |        |      |         |

| Name  | Use Definition  | Code                             | Synonym | OrgCode | OrgName | TroCode                          | TroName | Model nd |
|---|---|----------------------------------|---------|---------|---------|----------------------------------|---------|----------|
| Engineering Design                                | 1 A dimensional drawing of a product with information for manufacturing it.   | A113.201<br>A334.201             |         |         |         | A631.5C3<br>A632.5C3<br>A633.5C3 |         |          |
| Engineering Drawing                               | 1 A graphic representation of an object which reflects its geometric configuration dimensions & construction (form, fit & function).    | E12                              |         |         |         |                                  |         |          |
| Engineering Drawing Change                        | 1 Reflects the occurrence of a revision to an engineering drawing.  | E123                             |         |         |         |                                  |         |          |
| Engineering Drawing For Replacement Purchase Part | 1 Reflects the use of an engineering drawing to technically represent a requested purchased part.                                       | E182                             |         |         |         |                                  |         |          |
| Engineering Layouts                               | 1 Advanced pieces of information used to direct engineering designers in the preparation of detail design & to inform the manufacturing | A114.112<br>A114.211<br>A114.311 |         |         |         | A114.211<br>A114.311<br>A114.112 |         |          |

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| USED AT                              | AUTHOR:<br>PROJECT   | DATE:<br>REV.              | NOTES: 1 2 3 4 5 6 7 8 9 10 |  |                 |   |         |          |  |  |  |  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | HEADER | DATE | CONTEXT |  |  |
|--------------------------------------|--|----------------------------|-----------------------------|--|-----------------|---|---------|----------|--|--|--|--|--|--------|------|---------|--|--|
|                                      |  |                            |                             |  |                 |   |         |          |  |  |  |  |  |        |      |         |  |  |
| Name                                 | Use Definition   | Code                       | Synonym                     | OrqCode                                    | OrqName         | TrqCode   | TrqName | Model no |  |  |  |  |  |        |      |         |  |  |
| Engineering Milestones               | organization as to the scope of detail designs to follow.<br>A predetermined point in time for starting &/or completing an engineering task, event, design, etc. | A222.312                   |                             | A2.101                                     | Master Schedule | A222.312  |         |          |  |  |  |  |  |        |      |         |  |  |
| Engineering Release                  | Authorization for the use of specific engineering documents by the factory.  | E69                        |                             |  |                 |   |         |          |  |  |  |  |  |        |      |         |  |  |
| Engineering Releases                 | The formal issuance of engineering drawings & documents into a controlled distribution system.   | A131.213<br>A133.111       |                             | A131.312<br>A131.411<br>A131.511<br>A0.3C3 |                 | A131.213<br>A131.312<br>A131.411<br>A131.511<br>A131.111<br>A32.111             |         |          |  |  |  |  |  |        |      |         |  |  |
| Engineering Release                  | A serially assigned number that uniquely identifies an engineering release.  | E69                        |                             |  |                 |   |         |          |  |  |  |  |  |        |      |         |  |  |
| Engineering Releases & Change Orders | The formal issuance of engineering drawings & documents into a controlled distribution system & release of change orders altering existing or                    | A3.112<br>A3.311<br>A3.4C1 |                             |  |                 | A3.112<br>A3.4C1<br>A331.111<br>A332.111<br>A3331.111<br>A3331.211<br>A3331.311 |         |          |  |  |  |  |  |        |      |         |  |  |
| NOTE                                 | TITLE:   |                            | NUMBER: 46                  |  |                 |   |         |          |  |  |  |  |  |        |      |         |  |  |

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|         |                |           |                             | DRAFT   | RECOMMENDED | PUBLICATION |         |

| Name                      | Use Definition   | Code | Synonym | OrgCode | OrgName | TrqCode   | TrqName  | Model no |
|---------------------------|--|------|---------|---------|---------|---|--|----------|
| Engineering Specification | previously released drawings & documents.  | E13  |         |         |         | A3331.411<br>A3332.111<br>A3332.211                       | Options<br>Info. On<br>Initial<br>Form<br>Preferred<br>Options |          |
| Engineering Specification | A textual statement of characteristics which must be exhibited by an object, or reflected in a process, for it to be acceptable. This is typically a narrative restatement of the specifics of form, fit & function which are reflected graphically on a drawing of an object, but may also include quality requirements, color requirements, handling & procedural instructions, etc. | E13  |         |         |         | A3332.3C1<br>A334.111<br>A334.211<br>A334.311<br>A334.411 |  |          |
| Engineering Specification | Reflects the occurrence of a revision to an  | E13  |         |         |         |   |  |          |

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|--|---|----------------------|-----------------------------|---------|---------|---------|---------|-------|----|--|--|--|---------------|--------|--------|---------|
|  |   |                      |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| Name   | Use Definition  | Code                 | Synonym                     | DraCode | DraName | TrnCode | TrnName | Model | nd |  |  |  |               |        |        |         |
| Engineering Specification  | The use of an engineering specification to define the technical characteristics of a requested part.  | A422.101<br>A422.301 |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| Equipment  | Consist of standard mechanical devices for handling making of parts or assemblies. Example: machine tools, hand power tools, special test equipment, welding machines, shears, brakes, presses, saws, benches, etc. | A42.403<br>A42.302   |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| Equipment  | A machine type or other device acquired "off-the-shelf" from the manufacture having no contract or part specification modification that is used for the manufacturing effort.                                       | F51                  |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| Equipment Assignments  | Recording where equipment will be assigned; a response  | A423.101             |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| <div style="display: flex; justify-content: space-between;"> <div> <p>ENGINEERING SPECIFICATION</p> <p>VERIFIED EQUIPMENT AVAILABLE EQUIPMENT, SPECS</p> </div> <div> <p>A422.312<br/>A422.411</p> </div> </div> |   |                      |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| <div style="display: flex; justify-content: space-between;"> <div> <p>A423.2C1<br/>A423.3C1</p> </div> </div>  |   |                      |                             |         |         |         |         |       |    |  |  |  |               |        |        |         |
| NODE   | TITLE   |                      |                             |         |         |         |         |       |    |  |  |  |               |        | NUMBER | 48      |

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| USED AT                         |  | AUTHOR: PROJECT:            |         |         |                           |          |   |          |  |  |  | DATE: REV: |  | WORKING     |  | READER |  | DATE |  | CONTEXT |  |
|---------------------------------|--|-----------------------------|---------|---------|---------------------------|----------|---|----------|--|--|--|------------|--|-------------|--|--------|--|------|--|---------|--|
|                                 |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |                           |          |   |          |  |  |  |            |  | DRAFT       |  |        |  |      |  |         |  |
|                                 |  |                             |         |         |                           |          |   |          |  |  |  |            |  | RECOMMENDED |  |        |  |      |  |         |  |
|                                 |  |                             |         |         |                           |          |   |          |  |  |  |            |  | PUBLICATION |  |        |  |      |  |         |  |
| Name                            | Use definition   | Code                        | Synonym | OrnCode | OrnName                   | TrnCode  | TrnName   | Model no |  |  |  |            |  |             |  |        |  |      |  |         |  |
| Equipment Availability Standard | Ratio of downtime hours to running hours.  | F51                         |         |         |                           |          |   |          |  |  |  |            |  |             |  |        |  |      |  |         |  |
| Equipment Beyond Repair         | In a condition that is not economically or physically feasible to justify repair.  | A424.403                    |         |         |                           | A424.403 |   |          |  |  |  |            |  |             |  |        |  |      |  |         |  |
| Equipment Callout               | The requirement for a specific type of equipment which must be used in the performance of work defined by a specific routing item. |                             |         |         |                           |          |   |          |  |  |  |            |  |             |  |        |  |      |  |         |  |
| Equipment Characteristics       | The description & capabilities of the equipment required to produce the product.   | A4.201                      |         | A42.101 | Detailed Equipment Specs. | A0.401   | Resource Characteristics Interface Requirements |          |  |  |  |            |  |             |  |        |  |      |  |         |  |
| Equipment Considerations        | An evaluation of equipment capabilities to perform a specific task.  | A121.2C1                    |         |         |                           |          |   |          |  |  |  |            |  |             |  |        |  |      |  |         |  |
| Equipment Description           | A description of each type of equipment  |                             |         |         |                           |          |   |          |  |  |  |            |  |             |  |        |  |      |  |         |  |

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| USED AT               | AUTHOR:<br>PROJECT:   | DATE:<br>REV:      | NOTES: 1 2 3 4 5 6 7 8 9 10 |          |                                 |   |                |          |  |  |  |         | WORKING<br>DRAFT | READER | DATE | CONTEXT |
|-----------------------|---|--------------------|-----------------------------|----------|---------------------------------|---|----------------|----------|--|--|--|---------|------------------|--------|------|---------|
|                       |   |                    |                             |          |                                 |   |                |          |  |  |  |         |                  |        |      |         |
| Name                  | Use Definition  | Code               | Synonym                     | OrgCode  | OrgName                         | TecCode   | TecName        | Model no |  |  |  |         |                  |        |      |         |
| Equipment Description | Including manufacture & model where necessary for unique identification of the equipment type.  | A3334.311          |                             | A333.4C4 | Tool & Equipment Characteristic | A33343.112<br>A33343.212<br>A33343.313  |                |          |  |  |  |         |                  |        |      |         |
| Equipment Inventory   | A listing of information that reveals capability & appearance of the equipment. Fixtures: common name, brand name, specification size, weight, age, condition, etc. | A423.301           |                             |          |                                 | A423.1C1  |                |          |  |  |  |         |                  |        |      |         |
| Equipment Orders      | A formal document authorizing the procurement construction of equipment.  | A421.601           |                             |          |                                 | A422.111<br>A422.211  | Buy Make       |          |  |  |  |         |                  |        |      |         |
| Equipment Plan        | A plan or method for establishing & obtaining needed equipment, its disbursement & utilization.   | A171.201<br>A4.2C3 |                             | A0.4C3   | Resource Plans                  | A121.3C1<br>A121.4C2<br>A12.101<br>A421.1C2<br>A421.2C2<br>A421.3C3<br>A421.4C2 | Resource Plans |          |  |  |  |         |                  |        |      |         |
| Equipment Property    | A unique number assigned to each instance of customer   | 1259               |                             |          |                                 |   |                |          |  |  |  |         |                  |        |      |         |
| NOTE:                 | TITLE:  |                    |                             |          |                                 |   |                |          |  |  |  | NUMBER: | 50               |        |      |         |

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| USED AT | AUTHOR PROJECT | DATE REV. | WORKING DRAFT | READER | DATE | CONTEXT |
|         |                |           |               |        |      |         |

NOTES 1 2 3 4 5 6 7 8 9 10

| Name                            | Use Definition   | Code                 | Synonym | UrnCode  | OrgName          | TraCode  | TraName | Model nd |
|---------------------------------|--|----------------------|---------|----------|------------------|----------|---------|----------|
| Equipment Requiring Work        | Equipment found to be deficient in performance and still economically restorable to acceptable standards.  | A422.312             |         | A422.501 | Tested Equipment | A422.312 |         |          |
| Equipment Skill Requirement     | Reflects specific skills which are required by an individual equipment type.   | F237                 |         |          |                  |          |         |          |
| Equipment Specification         | Reflects the applicability of an engineering specification to a specific equipment type.   | E161                 |         |          |                  |          |         |          |
| Equipment Specification Callout | Reflects the engineering specification which is to be used to determine acceptability of equipment required by a specific production order item. | E251                 |         |          |                  |          |         |          |
| Equipment Status                | The Availability & condition of equipment designated for production use.   | A424.302<br>A424.402 |         |          |                  | A423.303 |         |          |
| Equipment Type                  | Equipment used by the factory in the production process.   | F51                  |         |          |                  |          |         |          |

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| USED AT                            | AUTHOR PROJECT  | DATE REV |         |         |         |         |         |       |    |   |   | WORKING DRAFT RECOMMENDED PUBLICATION | READER | DATE | CONTEXT |    |
|------------------------------------|---|----------|---------|---------|---------|---------|---------|-------|----|---|---|---------------------------------------|--------|------|---------|----|
|                                    |   | NOTES    | 1       | 2       | 3       | 4       | 5       | 6     | 7  | 8 | 9 |                                       |        |      |         | 10 |
| Name                               | Use Definition  | Code     | Synonym | OrgCode | OrgName | TrqCode | TrqName | Model | nd |   |   |                                       |        |      |         |    |
| Estimate Costs To Purchase Or Have | <p>Function of parts; includes such types of machines as mills, drills, presses, lift trucks, arc welders, computers, etc.</p> <p>Costs are segregated into recurring (repetitive requirements such as material, expense time, etc.) &amp; non-recurring one-time costs (additional, equipment facilities, etc.). These costs are connected with vendor costs which are estimated based on previous history or preliminary quotes to allow for a purchase or make decision.</p> | A122     |         |         |         |         |         |       |    |   |   |                                       |        |      |         |    |
| Estimate Resource Needs            | <p>Subsequent to determining the Assembly station plan, resource requirements to meet schedule must be determined. Facility &amp; equipment capacity &amp; tooling needs will force decision points relative to assembly requirements</p>   | A121     |         |         |         |         |         |       |    |   |   |                                       |        |      |         |    |
| NOTE:                              | TITLE:  |          |         |         |         |         |         |       |    |   |   |                                       |        |      | NUMBER: | 52 |



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| USED AT:                    | AUTHOR: | DATE:       | READER: | DATE: | CONTEXT: |
| PROJECT:                    | REV:    |             |         |       |          |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |         | WORKING     |         |       |          |
|                             |         | DRAFT       |         |       |          |
|                             |         | RECOMMENDED |         |       |          |
|                             |         | PUBLICATION |         |       |          |

| Name   | Use Information   | Code     | Synonym | OrgCode | OrgName | TrqCode | TrqName                                | Model | nd |
|--|---|----------|---------|---------|---------|---------|--|-------|----|
| Estimate<br>Timing for<br>Start-up &<br>Production           | to meet delivery<br>dates. Personnel<br>requirements must be<br>ascertained to plan<br>sources of additional<br>manpower & skills if<br>required.<br>Based on resource &<br>cost constraints,<br>time spans are<br>developed for each<br>station by discrete<br>packages of work. In<br>order to meet such a<br>schedule, shift<br>requirements must be<br>ascertained & numbers<br>of tool sets deter-<br>mine to maintain a<br>smooth flow of work<br>through the shop. | A123     |         |         |         |         |  |       |    |
| Estimate<br>Cost   | An estimate of the<br>total cost of the pur-<br>chase order.  | F26      |         |         |         |         |  |       |    |
| Estimate<br>Times for<br>Assembly &<br>Installation<br>Items | Estimated start &<br>completion dates for<br>assembly installation,<br>& checkout for each<br>major end item.   | A211.501 |         |         |         | A21.101 | Estimated<br>Times<br>for WBS<br>Items |       |    |
| Estimate   | Estimated start &   | A211.401 |         |         |         | A21.101 | Estimated                              |       |    |

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| USED AT:                                  |  | AUTHOR:  |         | DATE:                       |   |          |  |          |  |  |  |  |  | WORKING:     |  | READER: |  | DATE: |  | CONTEXT: |  |
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| PROJECT:                                  |  | PROJECT: |         | REV:                        |   |          |  |          |  |  |  |  |  | DRAFT:       |  |         |  |       |  |          |  |
|   |  |          |         |                             |   |          |  |          |  |  |  |  |  | RECOMMENDED: |  |         |  |       |  |          |  |
|   |  |          |         |                             |   |          |  |          |  |  |  |  |  | PUBLICATION: |  |         |  |       |  |          |  |
|   |  |          |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |   |          |  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
| Name                                      | Use Definition   | Code     | Synonym | OrgCode                     | OrgName                                   | TrqCode  | TrqName  | Model nd |  |  |  |  |  |              |  |         |  |       |  |          |  |
| Times for FAR WBS Items                   | completion dates for detail fabrication & sub-assemblies of the components of each major end item.   |          |         |                             |   |          |  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
| Estimated Times for Procurement WBS Items | 1 Estimated start & completion dates for procurement of material required to support production at each major end item.                          | A211.201 |         |                             |   | A21.101  | Estimated Times For WBS Items  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
| Estimated Times for Resource WBS Items    | 1 Estimated start & completion dates for tool design & fabrication manufacturing planning required to support production of each major end item. | A211.301 |         |                             |   | A21.101  | Estimated Times For WBS Items  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
| Estimated Times for WBS Items             | 1 Preliminary elapsed time span for WBS elements. Most likely time at this point in schedule development.  | A21.101  |         | A211.201                    | Estimated Times For Procurement WBS Items | A212.111 | Estimated Times For WBS Items (Engineering Release Milestones. Product Schedule) |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
|   |  |          |         | A211.201                    | Estimated Times For WBS Items             |          |  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
|   |  |          |         | A211.401                    | Estimated Times For WBS Items             |          |  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |
|   |  |          |         | A211.501                    | Estimated Times For WBS Items             |          |  |          |  |  |  |  |  |              |  |         |  |       |  |          |  |

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|------|-------|--------|
|      |       | 54     |

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| USED AT:                    | AUTHOR:<br>PROJECT: | DATE:<br>REV: | WORKING |             | READER | DATE | CONTEXT: |
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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     | PUBLICATION   |         |             |        |      |          |

| Name  | Use Definition  | Code     | Synonym | OrgCode                          | OrgName  | TraCode                                       | TraName                            | Model nd |
|---|---|----------|---------|----------------------------------|--|---|------------------------------------|----------|
| Estimated<br>Ton) life                          | Interval after which<br>the tool normally<br>needs maintenance or<br>replacement.                         | E45      |         |                                  | Installations WRS<br>Items   |   |                                    |          |
| Estimated<br>Unit Price                         | An estimate of the<br>unit price to the<br>item required.   | E23      |         |                                  |  |   |                                    |          |
| Evaluations                                     | A comparison of<br>measurement of status<br>between actual progress & the established schedules & budgets | A24.301  |         | A243.101<br>A243.201<br>A243.301 | Variance<br>Analysis<br>Allowable<br>Variances<br>Work Around<br>Plans | A2.402  | Performance<br>Reports,<br>History |          |
| Existing<br>Facility<br>Specs.                  | A description of the<br>total facility research currently<br>available to the company.                    | A41.111  |         | A41.301                          | Available<br>Facilities  | A411.112<br>A411.311<br>A413.211<br>A4113.112 |                                    |          |
| Existing<br>Standard<br>Mfg. Plans<br>& Methods | Current & captured<br>manufacturing experience capabilities.  | A333.211 |         | A333.312<br>A333.411<br>A333.513 |  | A333.211<br>A333.312<br>A333.411<br>A333.513  |                                    |          |
| Expected<br>Acknowledgment<br>Order             | The date by which an<br>acknowledgment of<br>acceptance of a purchase order is                            | F26      |         |                                  |  |   |                                    |          |

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55

TITLE:

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FTR110410000U  
8 September 1983

| USED AT                             | AUTHOR<br>PROJECT   | DATE<br>REV.     | NOTES: 1 2 3 4 5 6 7 8 9 10 |                                  |         |  |         |          |  |  |  |  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT |
|-------------------------------------|---|------------------|-----------------------------|----------------------------------|---------|--|---------|----------|--|--|--|--|--|--------|------|---------|
|                                     |   |                  |                             |                                  |         |  |         |          |  |  |  |  |  |        |      |         |
| Name                                | Use Definition  | Code             | Synonym                     | OrgCode                          | OrgName | TrgCode                                      | TrgName | Model no |  |  |  |  |  |        |      |         |
| Expected Load                       | 1. Load as forecasted.  | A612.101         |                             |                                  |         | A612.211                                     |         |          |  |  |  |  |  |        |      |         |
| Expedite Date                       | 4. The date on which the latest expedite notice was sent to the supplier.   | E26              |                             |                                  |         |  |         |          |  |  |  |  |  |        |      |         |
| Experience & Capability             | 1. Available information on prior tooling programs resources & methods which is available to support the manufacturing of the product at hand.        | A143.112         |                             | A143.212<br>A143.312<br>A143.412 |         | A143.112<br>A143.212<br>A143.312<br>A143.412 |         |          |  |  |  |  |  |        |      |         |
| Experience & Capability Information | 1. Available information on previously used manufacturing resources & methods which is available to support the manufacturing of the product at hand. | A211.212         |                             | A211.312<br>A211.412<br>A211.512 |         | A211.212<br>A211.312<br>A211.412<br>A211.512 |         |          |  |  |  |  |  |        |      |         |
| Experience & Capability Information | 1. Available information on previously used manufacturing resources & methods which is available to support the manufacturing of the product at hand. | A1.1C3<br>A1.2C1 |                             |                                  |         | A11.412<br>A111.112                          |         |          | Mfg. Assy.<br>Experience<br>& Capability<br>Experience<br>& Capability<br>Info. &<br>Technical |  |  |  |  |        |      |         |

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|         |                     |               |   |   |   |   |   |   |   |   |   |    |         |        |      |         |             |
|---------|---------------------|---------------|---|---|---|---|---|---|---|---|---|----|---------|--------|------|---------|-------------|
| USED AT | AUTHOR:<br>PROJECT: | DATE:<br>REV: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | WORKING | READER | DATE | CONTEXT |             |
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|         |                     |               |   |   |   |   |   |   |   |   |   |    |         |        |      |         | RECOMMENDED |
|         |                     |               |   |   |   |   |   |   |   |   |   |    |         |        |      |         | PUBLICATION |

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| Name                       | Use Definition   | Code    | Synonym | DocCode | DocName | TrqCode  | TrqName   | Model no |
|----------------------------|--|---------|---------|---------|---------|--|---|----------|
| External Availability Data | Information of data from sources outside the company. Example: material & hardware suppliers government publications, etc. | A43.211 |         |         |         | A112.112<br>A112.211<br>A112.311<br>A113.112<br>A113.211<br>A113.311<br>A113.411<br>A12.112<br>A12.213<br>A12.312<br>A43.211 | Experience<br>In-house Vendor<br>Subassembly Experience<br>Tooling Experience<br>Available Resources<br>Cost Data<br>Start Up Time & Production Rate Data |          |
| External Priority          | A value, provided by management, which reflects the relative importance of the order.                                      | F57     |         |         |         |  |   |          |

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57/58

|          | AUTHOR:                     | DATE: | WORKING     | READER | CONTEXT: |
|----------|-----------------------------|-------|-------------|--------|----------|
| USED AT. | PROJECT:                    | REV:  | DRAFT       |        |          |
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|          |                             |       | PUBLICATION |        |          |
|          | NOTES: 1 2 3 4 5 6 7 8 9 10 |       |             |        |          |

## 2.1.6 FBF through Fu

| NO. | DATE     | DESCRIPTION | AMOUNT  | CHECK NO. | DEPOSIT NO. | REMARKS |
|-----|----------|-------------|---------|-----------|-------------|---------|
| 1   | 10/1/78  | 1000.00     | 1000.00 | 1001      | 1001        | 1000.00 |
| 2   | 10/2/78  | 1000.00     | 1000.00 | 1002      | 1002        | 1000.00 |
| 3   | 10/3/78  | 1000.00     | 1000.00 | 1003      | 1003        | 1000.00 |
| 4   | 10/4/78  | 1000.00     | 1000.00 | 1004      | 1004        | 1000.00 |
| 5   | 10/5/78  | 1000.00     | 1000.00 | 1005      | 1005        | 1000.00 |
| 6   | 10/6/78  | 1000.00     | 1000.00 | 1006      | 1006        | 1000.00 |
| 7   | 10/7/78  | 1000.00     | 1000.00 | 1007      | 1007        | 1000.00 |
| 8   | 10/8/78  | 1000.00     | 1000.00 | 1008      | 1008        | 1000.00 |
| 9   | 10/9/78  | 1000.00     | 1000.00 | 1009      | 1009        | 1000.00 |
| 10  | 10/10/78 | 1000.00     | 1000.00 | 1010      | 1010        | 1000.00 |
| 11  | 10/11/78 | 1000.00     | 1000.00 | 1011      | 1011        | 1000.00 |
| 12  | 10/12/78 | 1000.00     | 1000.00 | 1012      | 1012        | 1000.00 |
| 13  | 10/13/78 | 1000.00     | 1000.00 | 1013      | 1013        | 1000.00 |
| 14  | 10/14/78 | 1000.00     | 1000.00 | 1014      | 1014        | 1000.00 |
| 15  | 10/15/78 | 1000.00     | 1000.00 | 1015      | 1015        | 1000.00 |
| 16  | 10/16/78 | 1000.00     | 1000.00 | 1016      | 1016        | 1000.00 |
| 17  | 10/17/78 | 1000.00     | 1000.00 | 1017      | 1017        | 1000.00 |
| 18  | 10/18/78 | 1000.00     | 1000.00 | 1018      | 1018        | 1000.00 |
| 19  | 10/19/78 | 1000.00     | 1000.00 | 1019      | 1019        | 1000.00 |
| 20  | 10/20/78 | 1000.00     | 1000.00 | 1020      | 1020        | 1000.00 |
| 21  | 10/21/78 | 1000.00     | 1000.00 | 1021      | 1021        | 1000.00 |
| 22  | 10/22/78 | 1000.00     | 1000.00 | 1022      | 1022        | 1000.00 |
| 23  | 10/23/78 | 1000.00     | 1000.00 | 1023      | 1023        | 1000.00 |
| 24  | 10/24/78 | 1000.00     | 1000.00 | 1024      | 1024        | 1000.00 |
| 25  | 10/25/78 | 1000.00     | 1000.00 | 1025      | 1025        | 1000.00 |
| 26  | 10/26/78 | 1000.00     | 1000.00 | 1026      | 1026        | 1000.00 |
| 27  | 10/27/78 | 1000.00     | 1000.00 | 1027      | 1027        | 1000.00 |
| 28  | 10/28/78 | 1000.00     | 1000.00 | 1028      | 1028        | 1000.00 |
| 29  | 10/29/78 | 1000.00     | 1000.00 | 1029      | 1029        | 1000.00 |
| 30  | 10/30/78 | 1000.00     | 1000.00 | 1030      | 1030        | 1000.00 |
| 31  | 10/31/78 | 1000.00     | 1000.00 | 1031      | 1031        | 1000.00 |
| 32  | 10/31/78 | 1000.00     | 1000.00 | 1032      | 1032        | 1000.00 |
| 33  | 10/31/78 | 1000.00     | 1000.00 | 1033      | 1033        | 1000.00 |
| 34  | 10/31/78 | 1000.00     | 1000.00 | 1034      | 1034        | 1000.00 |
| 35  | 10/31/78 | 1000.00     | 1000.00 | 1035      | 1035        | 1000.00 |
| 36  | 10/31/78 | 1000.00     | 1000.00 | 1036      | 1036        | 1000.00 |
| 37  | 10/31/78 | 1000.00     | 1000.00 | 1037      | 1037        | 1000.00 |
| 38  | 10/31/78 | 1000.00     | 1000.00 | 1038      | 1038        | 1000.00 |
| 39  | 10/31/78 | 1000.00     | 1000.00 | 1039      | 1039        | 1000.00 |
| 40  | 10/31/78 | 1000.00     | 1000.00 | 1040      | 1040        | 1000.00 |
| 41  | 10/31/78 | 1000.00     | 1000.00 | 1041      | 1041        | 1000.00 |
| 42  | 10/31/78 | 1000.00     | 1000.00 | 1042      | 1042        | 1000.00 |
| 43  | 10/31/78 | 1000.00     | 1000.00 | 1043      | 1043        | 1000.00 |
| 44  | 10/31/78 | 1000.00     | 1000.00 | 1044      | 1044        | 1000.00 |
| 45  | 10/31/78 | 1000.00     | 1000.00 | 1045      | 1045        | 1000.00 |
| 46  | 10/31/78 | 1000.00     | 1000.00 | 1046      | 1046        | 100     |

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| Name  | Use Definition   | Code          | Synonym                     | OrqCode | OrqName    | TrqCode  | TrqName        | Model | nd |  |          |            |  |        |      |          |
| FRF/A-0,<br>FPS/A-0,<br>FBR/A-0,<br>FHF/A-0,<br>FSH/A-0 | 1. Abbreviated descriptions for the type of fabrication operation being assigned to a sub-system.  | A631.3M2      |                             |         |            |  |                |       |    |  | A631.3M2 |            |  |        |      |          |
| Fab., Assy., & Test Plans                               | 1. An overview or composite plan which includes flow sequence plans, item & station charts, item indentures, facilities & equip. requirements, man-power requirements, tooling requirements, material requirements, & manufacturing test plans such as fuel tank leak tests etc. | A22.3C4       |                             | A0.101  | Mfg. Plan  | A223.1C3<br>A223.2C4<br>A223.3C4<br>A223.4C2<br>A223.5C2 | Resource Plans |       |    |  |          |            |  |        |      |          |
| Fab. Problems   | 1. Situations where equipment, or tools, mechanical operations are not functioning properly because of malfunction, improper setup, incorrect interpretation of written instructions, difficulties with design productivity, etc.  | A631.302      |                             |         |            |  |                |       |    |  | A6.301   |            | Requests For Planning Change                   |        |      |          |
| Fabrication   | 1. That portion of the   | A14.311       |                             | A1.302  | Production | A143.211   |                |       |    |  |          |            |  |        |      |          |
| NODE  | TITLE  |               |                             |         |            |  |                |       |    |  |          | NUMBER: 59 |  |        |      |          |

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| Name                                     | Use Definition   | Code                | Synonym                     | OrgCode | OrgName             | TraCode                                    | TraName   | Model no |  |  |  |         |  |        |      |         |
| 6 Assembly<br>Plan                       | production plan<br>depicting a logical<br>sequence & flow<br>arrangement for<br>details, sub-assem-<br>blies & assemblies<br>into a final product.         |                     |                             |         | Plans               | A143.311<br>A143.411<br>A143.111           |   |          |  |  |  |         |  |        |      |         |
| Fabrication,<br>Assembly &<br>Test Plans | (see Fab., Assy., &<br>Test Plans)   |                     |                             |         |                     |  |   |          |  |  |  |         |  |        |      |         |
| Fabrication<br>Plan                      | The sequence & flow<br>of detail parts<br>necessary to accom-<br>plish the fabrication<br>of these parts.  | A14.211<br>A134.302 |                             | A1.302  | Production<br>Plans | A142.313<br>A142.414<br>A142.111<br>A1.302 | Make Or<br>Buy Plan<br>Make Or<br>Buy Plan<br>Production<br>Plans |          |  |  |  |         |  |        |      |         |
| Fabrication<br>Problems                  | (see Fab. Problems)  |                     |                             |         |                     |  |   |          |  |  |  |         |  |        |      |         |
| Fabrication<br>Requirements              | A categorizing of<br>part requirements<br>into groups by type<br>& fabrication com-<br>plexity, e.g., sheet<br>metal, machine parts,<br>molded parts, etc. | A211.4C2            |                             | A0.101  | Mfg. Plan           | A211.4C2                                   |   |          |  |  |  |         |  |        |      |         |
| Fabrication<br>Sequence                  | Logical order of part<br>fabrication/procure-<br>ment required to sup-<br>port assembly sched-   | A134.202            |                             |         |                     | A134.311                                   |   |          |  |  |  |         |  |        |      |         |
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| Name                          | Use Definition   | Code     | Synonym | OrgCode | OrgName                       | TrqCode  | TrqName                              | Model nd |
|-------------------------------|--|----------|---------|---------|-------------------------------|----------|--------------------------------------|----------|
| Fabrication Step Instructions | 1. That part of the work package that tells the shop how to fabricate the part.  | A631.3C2 |         | A63.1C1 | Work Packages/ Tracking Info. | A631.3C2 |                                      |          |
| Facilities                    | 1. Include building, power, water, lighting, hoists, etc.  | A4.103   |         | A41.301 | Available Facilities          | A0.6M1   | Production Resources                 |          |
| Facilities, Equipment, Etc.   | 1. Those resources required of potential subcontractors/ suppliers that qualify them as potential sources of supply.                 | A142.3C1 |         | A1.4C1  | Resource Plans                | A142.3C1 |                                      |          |
| Facilities & Equipment Plan   | 1. Chronological method for identifying, obtaining, & utilizing facilities & equipment required to support manufacture of a product. | A144.501 |         |         |                               | A1.402   | Supporting Mfg. Plan                 |          |
| Facilities & Equipment Policy | 1. Early decision on what facilities & equipment are required, including make or buy.  | A144.101 |         |         |                               | A144.2C1 | New Long Lead Facilities & Equipment |          |
|                               |  |          |         |         |                               | A114.3C1 | New Special Facilities               |          |

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| Name                     | Use Definition  | Code            | Synonym | OrqCode   | OrqName        | TrqCode   | TrqName   | Model  | nd |            |    |         |  |
| Facility Plan            | 1. A plan for the physical manufacturing area, i.e., buildings, floor space, storage areas, plant layout, utilities, etc., to support program requirements. | A4.1C2          |         | A0.4C3    | Resource Plans | A144.5C1  | & Equipment<br>All Other<br>Facilities<br>& Equipment |        |    |            |    |         |  |
| Facilities Requirements  | 1. Facilities required to manufacture the product.  | A14.4C1         |         |           |                | A4111.1C2<br>A4111.2C2<br>A4112.1C1<br>A4112.3C2<br>A41.2C3<br>A413.1C2<br>A413.2C1<br>A413.3C1<br>A413.4C1 |   |        |    |            |    |         |  |
| Facilities Resource Plan | 1. General plan for acquiring additional needed facilities (source, funding, etc.) & area utilization.  | A121.101        |         |           |                | A121.2C1<br>A12.101   | Resource Plans  |        |    |            |    |         |  |
| Facility Orders          | 1. Documents authorizing purchase orders for buildings, additions, modifications, utilities, etc., including special attached equipment.                    | A4112.101       |         |           |                | A121.3C2<br>A121.4C3  |   |        |    |            |    |         |  |
| Factory                  | F. A physical location  | F76             |         |           |                | A4112.2C1<br>A4112.3C1  |   |        |    |            |    |         |  |
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| Name                         | Use Definition   | Code      | Synonym | OrgCode               | OrgName                                | TrgCode            | TrgName                               | Model no |
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| Factory Name                 | wherein the manufacturing resources of a company are housed & work is performed.   | E76       |         |                       |  |                    |                                       |          |
| Factory No.                  | A unique name by which a factory is known.   | E76       |         |                       |  |                    |                                       |          |
| Feedback, Re-estimate, Etc.  | A unique number assigned to each factory.  | E76       |         |                       |  |                    |                                       |          |
|                              | Information & changes resulting from a review of the facilities & equipment plan.  | A144.502  |         |                       |  | A144.413           |                                       |          |
| Field Inputs                 | Suggestions for improvements in the product or document arising from its use or maintenance. Also includes needs for parts or materials for maintenance. | A-2.2C3   |         | A-2.301<br>A-2.401    | Product Suggestions, Maintenance Needs | A-1.1C3<br>A-1.4C2 | Product Suggestions Maintenance Needs |          |
| Final Condition Requirements | Specified material strength or condition which may involve application of thermal treatment.   | A3331.301 |         | A3331.4C1<br>A333.101 | Finished Part Req'ts                   |                    |                                       |          |
| Finish                       | The allowable surface  | A3331.401 |         | A333.101              | Finished                               |                    |                                       |          |

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| Name                        | Use Definition   | Code          | Synonym | OrdCode            | OrdName                              | TrdCode              | TrdName          | Model no |   |   |    |                  |        |      |         |
| Req'ts                      | roughness & surface treatment required such as chemical processing, plating, coatings, & other process treatments. |               |         |                    |                                      |                      |                  |          |   |   |    | Part Req'ts      |        |      |         |
| Finished Assembly Req'ts    | 1. The completed manufacturing form & part content of the assembly.  | A332.101      |         |                    |                                      | A332.2C1<br>A332.3C2 |                  |          |   |   |    |                  |        |      |         |
| Finished Subassy.           | 1. A subassembly that has been completed through a planned stage of manufacturing as noted in the work package.    | A63.203       |         | A637.404           | Inspected Assys.                     | A6.4I1               | Finished Items   |          |   |   |    |                  |        |      |         |
| Finished Detail Parts       | 1. Parts that are completed through a planned stage of manufacturing as noted in the work package.                 | A63.103       |         | A631.404           | Inspected Parts                      | A6.4J1               | Finished Items   |          |   |   |    |                  |        |      |         |
| Finished Item Requirements  | 1. A listing & description of the completed manufacturing form & content of the item.                              | A331.101      |         |                    |                                      | A331.2C1<br>A331.3C2 |                  |          |   |   |    |                  |        |      |         |
| Finished Items              | 1. Those production items such as detail parts, subassemblies, assemblies, etc. that have been completed           | A6.303        |         | A63.103<br>A63.203 | Finished Detail<br>Finished Subassy. | A6.4I1<br>A6.2I2     | Production Items |          |   |   |    |                  |        |      |         |

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| Name                        | Use Definition  | Code          | Synonym | OrgCode                    | OrgName                | TrqCode    | TrqName                |
| Finished Major Assys.       | Through a planned stage of manufacturing as noted in the work package.  | A63.303       |         | A63.303                    | Finished Major Assys.  |            |                        |
|                             | 1. Major assemblies that have been completed through a planned stage of manufacturing as noted in the work package.   | A63.303       |         | A63.404                    | Inspected Assys.       | A6.411     | Finished Items         |
| Finished Part Requirements  | 1. The desired manufacturing form (complete or incomplete) of the part.   | A333.101      |         | A3331.101                  | Geometric Req'ts       | A3332.1C3  |                        |
|                             |   |               |         | A3331.202                  | Tolerance Req'ts       | A3332.2C3  |                        |
|                             |   |               |         | A3331.301                  | Final Condition Req'ts | A3333.1C1  |                        |
|                             |   |               |         | A3331.401                  | Finish Req'ts          | A3334.1C1  |                        |
| First Article Schedule      | 1. Includes timing of all events to allow first instance product to be produced. Includes Engineering Release Schedule, Planning Completion Schedule, Facility & Equipment Schedule, Tooling Schedule as well as first item production & testing schedules. | A222.401      |         |                            |                        | A223.1C1   | Coordinating Schedules |
|                             |   |               |         |                            |                        | A223.2C1   |                        |
|                             |   |               |         |                            |                        | A223.3C1   |                        |
|                             |   |               |         |                            |                        | A224.1C1   |                        |
|                             |   |               |         |                            |                        | A224.2C1   |                        |
|                             |   |               |         |                            |                        | A2.201     |                        |
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| Name             | Use definition  | Code               | Synonym                     | OrqCode | OrqName                             | TraCode   | TraName  | Model no |  |  |  |         |                  |        |      |         |  |
| Flow Plan        | 1. If must also cover initial materials ordering & startup manpower staffing & training.  | A22.1C1<br>A21.1C1 |                             | A0.101  | Mfg. Plan                           | A221.1C1<br>A221.2C1<br>A221.3C2<br>A211.1C1<br>A4111.3C1 | Station Plan<br>Item<br>Indentures<br>Statement<br>of Work     |          |  |  |  |         |                  |        |      |         |  |
| Forecasts        | 1. A forecast of facilities needed for supporting the production work packages & product, based on schedules & material/ item flow plans. | A4111.201          |                             |         |                                     |   |  |          |  |  |  |         |                  |        |      |         |  |
| For Fab. & Assy. | 1. That portion of the work packages providing item specifications, quantities, & instructions used for physical production.              | A6.3C2             |                             | A6.102  | Work packages, priorities/ tracking | A63.1C1   | Work packages/ tracking info.<br>Work packages/ tracking info. |          |  |  |  |         |                  |        |      |         |  |
| For Test         | 1. That portion of the work packages providing item specifications & instructions   | A6.4C1             |                             | A6.102  | Work packages, priorities/ tracking | A6.4C1  |  |          |  |  |  |         |                  |        |      |         |  |
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| For Unaccountable Items | for testing & checking out of finished items.<br>A report showing items of nonconformance that will require an engineering disposition as to acceptance, rework, or scrap. | A631.5C1<br>A632.5C1<br>A633.5C1 |         | A632.403<br>A631.403<br>A633.403 | Inspection Reports<br>Inspection Reports<br>Inspection Reports | A631.5C1<br>A632.5C1<br>A633.5C1 |         |          |
| Functional Budgets      | Cap budgets approved & issued at the functional level (i.e., Engineering, Manufacturing Material, Quality Assurance, etc.).  | A23.501                          |         |                                  |  | A2.301                           | Budgets |          |
| Funding Constraint      | A restrictive budget limitation.   | A143.1C3<br>A144.4C1             |         |                                  |  | A143.1C3<br>A144.4C1             |         |          |

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|----------------------------|--|-----------|---------|---------|---------|-----------------------|---------------------------------------|----------|
| Gather<br>Items &<br>Tools | 1 As orders are received, items are pulled from inventory, put into kits, & prepared for delivery. Shortages are noted; deliveries against shortages go directly into the needed items & kits. As needed, items & kits are disbursed & inventory records are adjusted. | A623      |         |         |         |                       |                                       |          |
| Geometric<br>Req'ts        | 1. The shape & size of a finished part.  | A3331.101 |         |         |         | A3331.2C1<br>A333.101 | Finished<br>Part<br>Require-<br>ments |          |
| Geometric<br>Requirements  | 1 (see Geometric Req'ts)   |           |         |         |         |                       |                                       |          |
| Geometric<br>Tolerances    | 1. An allowable variance or deviation from the parts dimensions.   | A3331.201 |         |         |         | A3331.1C3             |                                       |          |

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| Hire Plan | 1. Time phased plan for acquisition of new employees, including recruitment, testing & placement considerations. | A145.201 |         |         |         | A145.3I1<br>A145.4I2 |         |          |

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| Name                                | Use Definition   | Code                 | Synonym | UraCode       | TrqName          | TrqCode              | Model nd |                       |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Ident. of Make Parts                | I. An identification of parts that will be made in-house, etc.   | A32.1C2              |         | A32.201       | Make/Ruv         | A32.1C2              |          |                       |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Identification of Make Parts        | I. (see Ident. of Make Parts)  |                      |         |               |                  |                      |          |                       |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Identification of Available Tools   | I. A list of tools completed & ready for use which includes present location.  | A43.101              |         |               |                  | A4.302               |          | Tool Character-istics |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Identity                            | I. A description of item or tool being prepared for storage.   | A622.2C2<br>A622.3C1 |         | A622.102      | Count & Identity | A622.2C2<br>A622.3C1 |          |                       |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Illustrations                       | I. A three-dimensional graphic view showing a planned assembly relationship between parts, assembly methods, tooling, & equipment. | A114.301             |         |               |                  | A114.4C1             |          |                       |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Image Part                          | F. A part which is an exact mirror image of another part.  | E300                 |         |               |                  |                      |          |                       |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Immediate Delivery (Shortage) Items | I. Manufacturing items on line shortage that are routed directly through inventory stores for immediate disbursement to the        | A622.101             |         |               |                  | A62.202              |          | The Inventory         |  |  |  |  |  |             |  |        |  |      |  |          |  |

TITLE:

NUMBER:

73

| USED AT:                                 | AUTHOR:<br>PROJECT:  | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |   |                      |         |          |  |  |  |  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE       | CONTEXT |  |  |
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|  |  |               |                             |         |   |                      |         |          |  |  |  |  |  |        |            |         |  |  |
| Name                                     | Use Definition   | Code          | Synonym                     | DrqCode | OrgName                                     | TrqCode              | TrqName | Model nd |  |  |  |  |  |        |            |         |  |  |
| In-House                                 | 1. Experience & capability information that is available from within the division/company.   | A112.211      |                             | A1.1C3  | Experience & Cap. Info.                     | A112.211             |         |          |  |  |  |  |  |        |            |         |  |  |
| In-Work, Completed Mfg Operations (RCWF) | 1. The budgeted value of work completed at a given point in time & indicative of that portion of the RCWS which has been accomplished (the numeric value of work performed). | A242.301      |                             |         |   | A24.202              | Actuals |          |  |  |  |  |  |        |            |         |  |  |
| In-Work & Next Assembly Dates            | 1. A date for starting fabrication of an item, the completion of which is supporting the in-work date of the next assembly.  | A223.201      |                             |         |   | A223.311<br>A223.513 |         |          |  |  |  |  |  |        |            |         |  |  |
| Incoming Material                        | 1. Material delivered to a company receiving dock.   | A5.211        |                             | A0.511  | Procureable Items                           | A52.411              |         |          |  |  |  |  |  |        |            |         |  |  |
| Info. On Vendors                         | 1. Specialties, capabilities, reliability, financial stability, etc. of suppliers or potential   | A521.111      |                             | A52.111 | Advertising, Vendor Lists, Sales Call, Etc. | A521.111             |         |          |  |  |  |  |  |        |            |         |  |  |
| MODE:                                    | TITLE:   |               |                             |         |   |                      |         |          |  |  |  |  |  |        | NUMBER: 74 |         |  |  |

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| USED AT: | AUTHOR:<br>PROJECT: | DATE:<br>REV: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | NOTES: | WORKING<br>DRAFT | READER | DATE | CONTEXT: |             |
|          |                     |               |   |   |   |   |   |   |   |   |   |    |        |                  |        |      |          | RECOMMENDED |
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|          |                     |               |   |   |   |   |   |   |   |   |   |    |        |                  |        |      |          |             |

| Name                      | Use Definition  | Code     | Synonym | OrgCode | OrgName            | TrqCode  | TrqName                           | Model nd |
|---------------------------|---|----------|---------|---------|--------------------|----------|-----------------------------------|----------|
| Information<br>On Vendors | 1. (see Info, On Vendors)   |          |         |         |                    |          |                                   |          |
| Inspected<br>Assys.       | 1. Assemblies that have been inspected & dispositioned as conforming or not conforming to the work package description. | A632.404 |         |         |                    | A632.511 | Unacceptable Assys.               |          |
|                           |   |          |         |         |                    | A633.511 | Unacceptable Assys.               |          |
|                           |   |          |         |         |                    | A63.203  | Finished Subassy.                 |          |
|                           |   |          |         |         |                    | A63.303  | Finished Major Assys.             |          |
|                           |   |          |         |         |                    | A632.404 | Acceptable, Incomplete Assemblies |          |
|                           |   |          |         |         |                    | A633.404 | Acceptable, Incomplete Assemblies |          |
| Inspected<br>Parts        | 1. Parts that have been inspected & dispositioned as conforming or not conforming to the work package description.      | A631.404 |         |         |                    | A63.103  | Finished Detail                   |          |
|                           |   |          |         |         |                    | A631.511 | Unacceptable Parts                |          |
|                           |   |          |         |         |                    | A631.404 | Acceptable, Incomplete Parts      |          |
| Inspection<br>Code        | A Specifies the Inspec- F45 the procedure for this tool type.   |          |         |         |                    |          |                                   |          |
| Inspection<br>History     | 1. A document record of inspection activities by part number.   | A5.2C3   |         | A5.301  | Inspection Reports | A52.1C3  | Inspection Records                |          |

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| USED AT:                |   | AUTHOR:                          |         | DATE:                       |                                     |                                  |   |          |  |  |  |  |  | WORKING:    |  | READER:     |  | DATE: |  | CONTEXT: |  |
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| PROJECT:                |   | PROJECT:                         |         | REV:                        |                                     |                                  |   |          |  |  |  |  |  | DRAFT       |  | RECOMMENDED |  |       |  |          |  |
|                         |   |                                  |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |                                     |                                  |   |          |  |  |  |  |  | PUBLICATION |  |             |  |       |  |          |  |
| Name                    | Use Definition  | Code                             | Synonym | OrgCode                     | OrgName                             | TrnCode                          | TrnName                                 | Model no |  |  |  |  |  |             |  |             |  |       |  |          |  |
| Inspection Instructions | 1. That portion of the work package description telling inspection when & how to verify conformance.                  | A631.4C1<br>A632.4C1<br>A633.4C1 |         | A63.1C1                     | Work Packages/<br>Tracking<br>Info. | A631.4C1<br>A632.4C1<br>A633.4C1 |   |          |  |  |  |  |  |             |  |             |  |       |  |          |  |
| Inspection Records      | 1. Part of the inspection history down to a definable item level showing acceptance & rejection performance & trends. | A52.5C2                          |         | A5.2C3                      | Inspection History                  | A52.5C2<br>A521.3C3              | Vendor Performance                      |          |  |  |  |  |  |             |  |             |  |       |  |          |  |
| Inspection Reports      | 1. Status information about inspected items; e.g., accepted, rejected performance trends, type of discrepancy, etc.   | A5.301                           |         |                             |                                     | A5.1C4<br>A5.2C3                 | Rejection Reports<br>Inspection History |          |  |  |  |  |  |             |  |             |  |       |  |          |  |
| Inspector               | 1. An employee who inspects parts to determine the degree of conformity with applicable specifications.               | F214                             |         |                             |                                     |                                  |   |          |  |  |  |  |  |             |  |             |  |       |  |          |  |
| Inspector No.           | 1. A unique number assigned to each   | F214                             |         |                             |                                     |                                  |   |          |  |  |  |  |  |             |  |             |  |       |  |          |  |
| NODE:                   |   | TITLE:                           |         |                             |                                     |                                  |   |          |  |  |  |  |  | NUMBER:     |  | 76          |  |       |  |          |  |



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|                             |  |          |  |       |  | PUBLICATION |  |        |  |      |  |          |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |          |  |       |  |             |  |        |  |      |  |          |  |

| Name                | Use Definition  | Code                            | Synonym | OrqCode  | OrqName                                      | TraCode   | TraName  | Model no |
|---------------------|---|---------------------------------|---------|----------|--|---|--|----------|
| Installed Equipment | Inspector.  | A422.402                        |         |          |  | A422.511  |  |          |
|                     | Equipment that has been located in the using area & is ready for test/checkout.   |                                 |         |          |  |   |  |          |
| Instructions        | A detailed description of the manufacturing process or task.  | A331.303<br>A332.303<br>A43.302 |         |          |  | A331.4C1<br>A33.102                                     | Tool<br>Specs.<br>Production<br>Instruc-<br>tions<br>Tool<br>Indent.     |          |
|                     |   |                                 |         |          |  | A332.4C1<br>A332.5C2<br>A33.202                         | Tool<br>Specs.<br>Production<br>Instruc-<br>tions<br>Tool<br>Indent.     |          |
| The Inventory       | The production items & tools located in the stores areas along with items & tools located at the manu-<br>facturing line. | A622.401<br>A62.304             |         | A622.101 | Immediate<br>Delivery<br>(Shortage)<br>Items | A43.4C1<br>A622.311<br>A622.412<br>A623.111<br>A623.212 | Deliveries<br>Against<br>Shortages<br>Deliveries<br>Against<br>Shortages |          |
|                     |   |                                 |         |          |  | A623.312  |  |          |

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| NOTE: | TITLE: | NUMBER: 77 |
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| USED AT:                |  | AUTHOR: PROJECT:            |         |         |         |                                       |                      |          |  |  |  | DATE REV: |  | WORKING     |  | READER |  | DATE |  | CONTEXT |  |
|-------------------------|--|-----------------------------|---------|---------|---------|---------------------------------------|----------------------|----------|--|--|--|-----------|--|-------------|--|--------|--|------|--|---------|--|
|                         |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |                                       |                      |          |  |  |  |           |  | DRAFT       |  |        |  |      |  |         |  |
|                         |  |                             |         |         |         |                                       |                      |          |  |  |  |           |  | RECOMMENDED |  |        |  |      |  |         |  |
|                         |  |                             |         |         |         |                                       |                      |          |  |  |  |           |  | PUBLICATION |  |        |  |      |  |         |  |
| Name                    | Use Definition   | Code                        | Synonym | OrqCode | OrqName | TrqCode                               | TrqName              | Model nd |  |  |  |           |  |             |  |        |  |      |  |         |  |
| Inventory Reports       | 1. A list of materials & the quantity on hand.   | A5.401                      |         |         |         | A624.211                              |                      |          |  |  |  |           |  |             |  |        |  |      |  |         |  |
| Item Flow Times         | 1. Estimated elapsed time from start of work to completion of each part identified in the station plan.                          | A221.101                    |         |         |         | A221.311<br>A221.411                  |                      |          |  |  |  |           |  |             |  |        |  |      |  |         |  |
| Item Indenture          | 1. The placement or position of an item within the manufacturing structure relative to the completed product into which it goes. | A221.2C1                    |         |         |         | A22.1C1                               | Fow Plan, SNW        |          |  |  |  |           |  |             |  |        |  |      |  |         |  |
| (Long Lead) Item Orders | 1. Early orders for procured materials (usually identified by engineering.   | A0.5C5                      |         |         |         | A-1.201                               | Product Design       |          |  |  |  |           |  |             |  |        |  |      |  |         |  |
| Item Setup              | 1. Describes positioning of part or material relative to the work to be done.  | A3343.101                   |         |         |         | A3334.301<br>A33343.211<br>A33343.312 | Setup Info.          |          |  |  |  |           |  |             |  |        |  |      |  |         |  |
| Item Specification      | 1. The desired form of items to be procured, which may differ from the product definition of the engineering.                    | A334.102                    |         |         |         | A334.2C1<br>A334.3C2<br>A33.402       | Procured Item Specs. |          |  |  |  |           |  |             |  |        |  |      |  |         |  |
| MODE:                   |  | TITLE:                      |         |         |         |                                       |                      |          |  |  |  | NUMBER:   |  | 78          |  |        |  |      |  |         |  |

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| USED AT: | AUTHOR:<br>PROJECT: | DATE:<br>REV: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | NOTES: | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT |
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| Name                               | Use Definition   | Code                 | Synonym | OrgCode                          | OrgName   | TrqCode              | TrqName                         | Model no |
|------------------------------------|--|----------------------|---------|----------------------------------|---|----------------------|---------------------------------|----------|
| Item & Station Plan                | neerinn function due to manufacturing requirements. Also, includes inspection steps & destination for storage or next use. | A222.1C3<br>A222.3C4 |         | A0.101                           | Mfg. Plan   | A222.1C3<br>A222.3C4 |                                 |          |
| Items Heading Further Work         | 1. Incomplete items requiring additional manufacturing effort in order to be considered complete.                          | A633.2I2<br>A633.3I2 |         | A633.303<br>A633.404<br>A633.503 | Processed Item<br>Acceptable, Incomplete Assemblies<br>For Rework | A633.2I2<br>A633.3I2 |                                 |          |
| Items & Tools For Kits             | 1. Items & tools pulled from inventory (stores) to bill production kit orders.   | A632.104             |         |                                  |   | A623.2I1<br>A623.3I1 | Parts & Tools For Kits & Spares |          |
| Items & Tools Prepared For Storage | 1. Items & tools not immediately required by the manufacturing line.   | A622.201             |         |                                  |   | A622.4I1             |                                 |          |

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| NOTE: | TITLE: | NUMBER: | 79/80 |
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|          | NOTES: 1 2 3 4 5 6 7 8 9 10 |               |  |        |      |          |

| Name                        | Use Definition  | Code     | Synonym | NrqCode  | NrqName             | TrqCode  | TrqName | Model nd |
|-----------------------------|---|----------|---------|----------|---------------------|----------|---------|----------|
| Job<br>Sequence<br>Analysis | 1. Determination of the characteristics & optimum order of events of a job through detailed observation & evaluation of the activities, required facilities, conditions of work & needed worker qualifications. | A132.211 |         | A132.102 | Production Sequence | A132.211 |         |          |

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| USED AT: | AUTHOR:<br>PROJECT: | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 | WORKING     | READER | DATE | CONTEXT: |
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| USED AT: | AUTHOR:<br>PROJECT: | DATE:<br>REV: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | NOTES: | WORKING<br>DRAFT | RECOMMENDED | PUBLICATION | READER | DATE | CONTEXT: |
|          |                     |               |   |   |   |   |   |   |   |   |   |    |        |                  |             |             |        |      |          |

| Name                          | Use Definition  | Code     | Synonym | OrgCode | OrgName                                   | TrgCode                           | TrgName   | Model nd |
|-------------------------------|---|----------|---------|---------|---|-----------------------------------|---|----------|
| Kit Plan                      | 1. Describes the optimum breakdown of specific job-tasks, to permit parts, tools, & software to be available incrementally, as needed.  | A132.202 |         |         |   | A132.311                          |   |          |
| Kits, Needed Items            | 1. Raw materials, component parts, & tools required for producing a specific quantity of some item make-up kits & the shortages in making in the kits are considered needed items.  | A623.202 |         |         |   | A62.302                           | Kits, Spare Parts, Repair & Kits  |          |
| Kits, Needed Items/Used Tools | 1. Raw materials, component parts & tools required for producing a specific quantity of some item make-up kits & the shortages in making in the kits are considered needed items. Tools being returned to stores after use are considered used tools. | A6.203   |         | A62.302 | Kits, Spare Parts, Repair & Retrofit Kits | A63.111<br>A63.211<br><br>A63.311 | Tools Subassy. Kits (Details, Raw Mat'ls, Tools)<br>Assy. Kits (Subassy., Details, Raw Mat'ls, Tools) |          |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |                     |  |               |  |  |  |        |  |      |  |          |  |

| Name   | Use Definition   | Code     | Synonym | OrqCode  | OrqName                             | TrqCode | TrqName   | Model no |
|--|--|----------|---------|----------|-------------------------------------|---------|---|----------|
| Kits,<br>Spare<br>Parts,<br>Repair &<br>Retrofit<br>Kits | 1 Kits consist of raw materials, component parts, & tools required for producing a specific quantity of some item. The spare parts, repair & retrofit kits consist of deliverable items which are less than the total product. | A62.302  |         | A623.302 | Spare Parts, Repair & Retrofit Kits | A6.311  | Kits, Needed Items/Used Tools Spare Parts, Repair & Retrofit Kits |          |
|  |  | A623.202 |         |          | Kits, Needed Items                  | A6.511  |   |          |
|  |  | A623.101 |         |          | Open Stock Material                 |         |   |          |

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| Name  | Use Definition   | Code     | Synonym | DrqCode | DrqName | TrqCode   | TrqName  | Model nd |
|---|--|----------|---------|---------|---------|---|--|----------|
| Last Change<br>Date of<br>Purchase<br>Order       | A The date of the most<br>recent revision to<br>the purchase order.  | E26      |         |         |         |   |  |          |
| Last Change<br>Date of<br>Purchase<br>Requisition | A The date of the most<br>recent revision to<br>the purchase requisition.  | E22      |         |         |         |   |  |          |
| Line<br>Assembly<br>Installation<br>Plan          | 1. The general concept<br>of combining manufac-<br>turing resources to<br>accomplish assembly<br>& installation of the<br>highest level or<br>indenture of parts to<br>complete the manufac-<br>turing of the product. | A132.302 |         |         |         | A133.2C3<br>A133.3C2<br>A134.2C1<br>A134.3C3<br>A1341.1C1<br><br>A1341.1C1<br><br>A1341.4C2<br><br>A633.1C1 | Line<br>Assembly<br>plan<br>Line<br>Assembly<br>plan<br>Line<br>Assembly<br>plan |          |
| Line<br>Assembly<br>Schedule                      | 1 A time-phased<br>schedule to manage &<br>control physical<br>production in the con-<br>version of kits to<br>finished items. The<br>start & completion<br>dates for line assem-<br>blies.                            | A611.301 |         |         |         |   |  |          |
| List of   | 1. List of assemblies.   | A133.101 |         |         |         | A133.211  |  |          |

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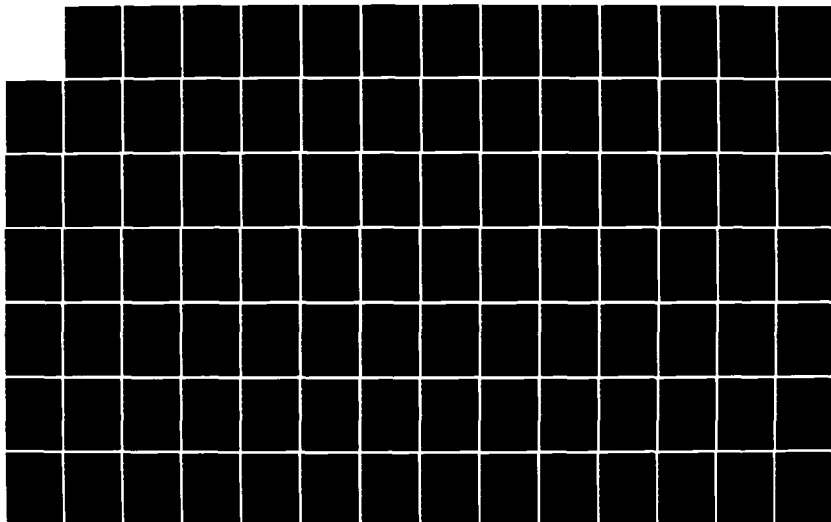
INTEGRATED COMPUTER-AIDED MANUFACTURING (ICAM)  
ARCHITECTURE PART 3 VOLUME (U) SOFTECH INC WALTHAM MA  
R HEINE ET AL. SEP 83 AFMAL-TR-82-4063-PT-3-VOL-7  
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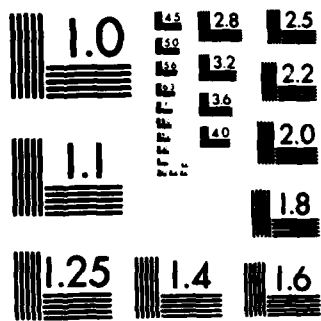
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MICROCOPY RESOLUTION TEST CHART  
 NATIONAL BUREAU OF STANDARDS-1963-A

| USED AT                    | AUTHOR PROJECT   | DATE REV                         | NOTES: 1 2 3 4 5 6 7 8 9 10 |        |         |           |         |          |  |  |  |         | WORKING DRAFT | READER | DATE | CONTEXT |
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|                            |  |                                  |                             |        |         |           |         |          |  |  |  |         |               |        |      |         |
| Name                       | Use Definition   | Code                             | Synonym                     | OrCode | OrgName | TrnCode   | TrnName | Model nd |  |  |  |         |               |        |      |         |
| Items At Each Level        | Details, etc., to be manufactured or purchased in greater than normal lots due to reduced possibility of engineering change & economic factors.  | A1341.201                        |                             |        |         |           |         |          |  |  |  |         |               |        |      |         |
| List of Manufactured Parts | 1. Sheet metal, machined, composite & other fabricated parts listed by category.   |                                  |                             |        |         | A1341.412 |         |          |  |  |  |         |               |        |      |         |
| List of Purchased Parts    | 1. List of parts, equipment, hardware systems & minor subassemblies established as procured items.   | A1341.301                        |                             |        |         | A1341.411 |         |          |  |  |  |         |               |        |      |         |
| List of Resources          | 1. A list of all things available to satisfy a need; facilities, equipment, tools, technology, people, money, etc.                               | A631.111<br>A632.111<br>A633.111 |                             |        |         |           |         |          |  |  |  |         |               |        |      |         |
| Location                   | 1. The assigned storage area for an item or tool; e.g., building number & floor, room or grid number, also bin, shelf, rack, drawer number, etc. | A622.301                         |                             |        |         | A622.401  |         |          |  |  |  |         |               |        |      |         |
| MODE:                      | TITLE:   |                                  |                             |        |         |           |         |          |  |  |  | NUMBER: |               | 86     |      |         |

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| NOTES 1 2 3 4 5 6 7 8 9 10 |          |  |       |  |        |      |         |

| Name  | Use Definition  | Code     | Synonym | OrgCode  | OrgName         | TrqCode              | TrqName                    | Model nd |
|---|---|----------|---------|----------|-----------------|----------------------|----------------------------|----------|
| Long lead Facilities & Equipment Identified | Specific new facilities & industrial equipment which must be obtained (made or bought) prior to execution of the normal requisitioning process. | A144.202 |         |          |                 | A144.412             |                            |          |
| (Long lead) Item Orders                     | (see Section "I", (Long lead) Item Orders)  |          |         |          |                 |                      |                            |          |
| Long lead Material Reqs'ts                  | Identification of specific parts which must be ordered prior to execution of the normal requisitioning process.                                 | A142.201 |         |          |                 | A142.312<br>A142.412 |                            |          |
| Long lead Milestones                        | Date(s) at which time critical material items must be ordered to support subsequent schedule events & milestones.                               | A142.202 |         | A715.401 | Master Schedule |                      |                            |          |
| Long lead Schedules                         | Basic material schedules required immediately following program-ahead to permit ordering of time-critical material.                             | A224.201 |         |          |                 | A224.412<br>A22.402  | Support Activity Schedules |          |
| NOTE:                                       | TITLE:  |          | NUMBER: |          | 87              |                      |                            |          |

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NOTES: 1 2 3 4 5 6 7 8 9 10

| Name                             | Use Definition   | Code     | Synonym | OrgCode | ProjName | ProjCode | ProjName | Model no |
|----------------------------------|--|----------|---------|---------|----------|----------|----------|----------|
| Long Lead<br>Tools<br>Identified | 1. Specific tools which must be obtained (made or bought) prior to execution of the normal requisitioning process. | A143.302 |         |         |          | A143.512 |          |          |

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| USED AT:                    | AUTHOR:  | DATE:       | READER | DATE | CONTEXT |
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| PROJECT:                  |   |            |         | REV:     |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
|                           |   |            |         | 1        | 2        | 3          | 4                                 | 5        | 6 | 7 | 8 | 9 | 10 |        |  |      |  |         |  |
| NOTES:                    |   |            |         | 1        | 2        | 3          | 4                                 | 5        | 6 | 7 | 8 | 9 | 10 |        |  |      |  |         |  |
| Name                      | Use Definition  | Code       | Synonym | OrigCode | OrigName | TraCode    | TraName                           | Model no |   |   |   |   |    |        |  |      |  |         |  |
| Machine                   | A uniquely identifiable instance of a specific type of equipment.   | E56        |         |          |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
| Machine Dimensions        | A length, width, & height of the equipment type.  | E51        |         |          |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
| Machine Hour Rate         | A The standard machine cost per hour.   | E51        |         |          |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
| Machine Number            | A A number which uniquely identifies an individual machine.   | E56        |         |          |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
| Machine Setup, F.C. Feeds | I The physical adjustment of a machine to perform a specified operation on an item including the speeds & feeds for the cutting tools used. | A33343.301 |         |          |          | A3334.301  | Setup Information                 |          |   |   |   |   |    |        |  |      |  |         |  |
| Machine Type Selection    | I Listing a specific type/size of machine to perform a fabrication step, e.g., mill, lathe, brake, press, etc.                              | A3334.201  |         |          |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
|                           |   |            |         |          |          | A33343.1C3 | Tool Ident. & Equipment Selection |          |   |   |   |   |    |        |  |      |  |         |  |
|                           |   |            |         |          |          | A33343.2C3 | Tool Ident. & Equipment Selection |          |   |   |   |   |    |        |  |      |  |         |  |
|                           |   |            |         |          |          | A33343.3C3 | Tool Ident. & Equipment Selection |          |   |   |   |   |    |        |  |      |  |         |  |
|                           |   |            |         |          |          | A3334.4C2  | Instructions                      |          |   |   |   |   |    |        |  |      |  |         |  |
|                           |   |            |         |          |          | A333.403   |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
| NUMBER:                   |   |            |         | 89       |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |
| TITLE:                    |   |            |         |          |          |            |                                   |          |   |   |   |   |    |        |  |      |  |         |  |

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| PROJECT:                   |  | PROJECT: |  | REV:  |   |   |   |   |   |   |   |   |    |            |  |         |  |          |  |         |  |                       |  |          |  |  |  |
|                            |  |          |  | 1   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |            |  |         |  |          |  |         |  |                       |  |          |  |  |  |
| Name                       |  |          |  | Definition  |   |   |   |   |   |   |   |   |    | Code       |  | Synonym |  | OrigName |  | TrnCode |  | TrnName               |  | Model nd |  |  |  |
| Machine Weight             |  |          |  | A weight of the equipment type.   |   |   |   |   |   |   |   |   |    | E51        |  |         |  |          |  |         |  |                       |  |          |  |  |  |
| Made tools                 |  |          |  | Fabricated tools ready for stores or production use.  |   |   |   |   |   |   |   |   |    | A43.401    |  |         |  |          |  | A43.511 |  |                       |  |          |  |  |  |
| "Made" unit identification |  |          |  | Those major configuration units for which a make in-house decision has been made.   |   |   |   |   |   |   |   |   |    | A11.3C1    |  |         |  |          |  | A11.201 |  | Tentative Make Or Buy |  | A113.111 |  |  |  |
| Maintain Equipment         |  |          |  | This function portrays the activities associated with the maintenance of the equipment. Those activities are both preventive & routine maintenance plus inspection & repair. Appropriate status information is fed back to A423, Control Equipment. |   |   |   |   |   |   |   |   |    | A424       |  |         |  |          |  |         |  |                       |  |          |  |  |  |
| Maintain Records           |  |          |  | As items are received & disbursed, stock records are adjusted to reflect the changes. Items are checked to verify counts & corrected.   |   |   |   |   |   |   |   |   |    | A624       |  |         |  |          |  |         |  |                       |  |          |  |  |  |
| NODE:                      |  |          |  | TITLE:  |   |   |   |   |   |   |   |   |    | NUMBER: 90 |  |         |  |          |  |         |  |                       |  |          |  |  |  |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |  |        |      |          |

| Name                              | Use Definition   | Code                 | Synonym | DocCode  | OrgName                           | TrgCode                                 | TrgName  | Model nd |
|-----------------------------------|--|----------------------|---------|----------|-----------------------------------|---|--|----------|
| Maintained Equipment              | Accordinally.<br>1. Equipment in usable condition receiving routine & preventive maintenance.          | A424.101<br>A424.201 |         |          |                                   | A424.3C1                                |  |          |
| Maintenance Needs                 | 1. Those needs based on field experience of parts for spares & repair of the product.                  | A-1.4C2              |         | A-2.2C3  | Field Inputs                      | A-1.4C2                                 |  |          |
| Major Assembly Breakdown          | 1. Functional division of major sections into logical sub-sections.                                    | A131.311             |         | A131.202 | Formal Major Assemblies Breakdown | A131.311                                |  |          |
| Major Assembly Breaks             | 1. Structural boundaries comprising each major assembly unit.  | A113.101             |         |          |                                   | A113.2C1<br>A113.3C2<br>A113.4C3        |  |          |
| Major Assembly Inspection Reports | 1. Status information about major assemblies as to their acceptance or rejection by Quality Assurance. | A633.403             |         |          |                                   | A6.401<br>A6.302<br>A63.304<br>A633.5C1 | Production Technical Data<br>Production Technical Data<br>Tracking Information<br>For Unacceptable Items |          |
| Major Con-                        | 1. A logical sequence  | A114.111             |         | A111.301 | Major Con-                        | A114.111                                |  |          |

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|  |  | 1                    | 2       | 3        | 4                                       | 5        | 6       | 7     | 8  | 9                                | 10   |  |        |      |         |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10                                    |  |                      |         |          |   |          |         |       |    |                                  |  |  |        |      |         |  |
| Name   | Use Definition   | Code                 | Synonym | OrgCode  | OrgName                                 | TrqCode  | TrqName | Model | nd |                                  |  |  |        |      |         |  |
| figuration<br>Units<br>Stationi-<br>zation<br>Assembly<br>Plan | of assembly flow for<br>the major configura-<br>tion units.  |                      |         |          | figuration<br>Units                     |          |         |       |    |                                  |  |  |        |      |         |  |
| Major Con-<br>figuration<br>Units                              | 1 Large manufacturing<br>assemblies which re-<br>sult from the manufac-<br>turing breakdown of<br>the product to the<br>first level of detail.<br>(examples: fuselage<br>section, wing.) | A111.301             |         |          |   |          |         |       |    | A112.111<br>A113.111<br>A114.111 | Major Con-<br>figuration<br>Units.<br>Stationize-<br>tion Assembly<br>Plan |  |        |      |         |  |
| Major<br>Section<br>Breakdown                                  | 1 Breakdown of major<br>sections of the pro-<br>duct based on fac-<br>tories arrangement,<br>tooling & manufactur-<br>ing techniques & final<br>assembly requirements.                   | A131.211             |         | A131.101 | Formal<br>Major<br>Section<br>Breakdown | A131.211 |         |       |    | A1.102                           | Selected &<br>Tentative<br>Structure<br>& Method<br>of Mfg.                |  |        |      |         |  |
| Major Tool<br>& Spare<br>Requirements                          | 1 Identification of<br>major floor-mounted<br>assembly tool, related<br>related platform &<br>area requirements for<br>each assembly.  | A113.301<br>A131.401 |         |          |   |          |         |       |    | A113.4C1<br>A131.5C1             |  |  |        |      |         |  |
| NOTE:  | TITLE:   | NUMBER:              |         |          |   |          |         |       |    |                                  |  | 92   |        |      |         |  |

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|  |  |                      |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |                                     |                              |  |          |  |  |  |  |  | RECOMMENDED |  |        |  |      |  |          |  |
|  |  |                      |         |                             |                                     |                              |  |          |  |  |  |  |  | PUBLICATION |  |        |  |      |  |          |  |
| Name                                     | Use Definition   | Code                 | Synonym | OrgCode                     | OrgName                             | TrqCode                      | TrqName  | Model nd |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Major Unit Capability                    | 1. Information on optimum production breaks for most economical production using available resources.                                | A111.212<br>A111.312 |         | A1.1C3                      | Experience & Capability Information | A111.212<br>A111.312         |  |          |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Major Unit Concepts & Design Information | 1. Design Information & concepts of major assembly sections (e.g., wing, fuselage, empennage, vertical/horizontal stabilizer, etc.). | A111.101             |         |                             |                                     | A111.211                     |  |          |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Make                                     | 1. Equipment items that are to be made instead of purchased.   | A422.211             |         | A42.102                     | Equipment Orders                    | A422.211                     |  |          |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Make/buy                                 | 1. A decision to manufacture an item in-house or to purchase it off-site.  | A32.201              |         |                             |                                     | A32.1C2<br>A32.3C1<br>A3.201 | Ident. of Make Parts<br>Complete Manufactured Parts List<br>Including N/B List |          |  |  |  |  |  |             |  |        |  |      |  |          |  |
| Make/buy Study Reports                   | 1. The results of a make/buy trade off study for obtain additional production equipment.   | A421.401             |         |                             |                                     | A421.5C1<br>A421.6C2         |  |          |  |  |  |  |  |             |  |        |  |      |  |          |  |
| NODE:                                    |  | TITLE:               |         |                             |                                     |                              |  |          |  |  |  |  |  | NUMBER:     |  | 93     |  |      |  |          |  |

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| PROJECT:                             |   | PROJECT:             |         | REV:             |                          |  |  |       |    |  |  |  |  | DRAFT       |  |         |  |         |  |          |  |
|                                      |   |                      |         |                  |                          |  |  |       |    |  |  |  |  | RECOMMENDED |  |         |  |         |  |          |  |
|                                      |   |                      |         |                  |                          |  |  |       |    |  |  |  |  | PUBLICATION |  |         |  |         |  |          |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10          |   |                      |         |                  |                          |  |  |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
| Name                                 | Use Definition  | Code                 | Synonym | OrgCode          | OrgName                  | TrnCode                                      | TrnName  | Model | nd |  |  |  |  |             |  |         |  |         |  |          |  |
| Make 'ir<br>Buy Plan                 | A part of the fabrication plan listing items to be made or purchased.   | A142.313<br>A142.414 |         | A134.302         | Fabrication Plan         | A142.313<br>A142.414                         |  |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
| Management<br>Criteria               | Resources available to & used by management in making decisions.  | A21.5C1              |         |                  |                          | A215.1C1<br>A215.2C1<br>A215.3C1<br>A215.4C1 | Functional Criteria<br>Program Criteria<br>Financial Criteria<br>Review Criteria |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
| Management<br>Direction              | Decisions that initiate use of alternate fabrication procedures & methods in manufacturing to achieve revised schedule/budget objectives. | A24.3C2              |         |                  |                          | A243.2C2<br>A243.3C2                         | Tolerances   |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
| Management<br>Directives/<br>Reports | Instructive orders that establish & modify operating policies, procedures, etc.   | A-1.101              |         |                  |                          | A-0.1C2<br>A-1.4C1<br>A-1.2C1                |  |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
| Manpower<br>Loading<br>Schedule      | A time phasing of personnel requirements down to department & shift level.  | A224.101             |         |                  |                          | A224.511<br>A22.402                          | Support Activity Schedules   |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
| Manpower<br>Plan                     | A portion of the manufacturing plan showing manpower  | A4.4C3<br>A224.5C2   |         | A0.101<br>A0.4C3 | Mfg. Plan Resource Plans | A224.5C2<br>A4.4C3                           |  |       |    |  |  |  |  |             |  |         |  |         |  |          |  |
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|  |   |                |         |           |  |          |                              |          |  |  |  |  |  | RECOMMENDED |  |        |  |      |  |         |  |
|  |   |                |         |           |  |          |                              |          |  |  |  |  |  | PUBLICATION |  |        |  |      |  |         |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10                    |   |                |         |           |  |          |                              |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
| Name   | Use Definition  | Code           | Synonym | OrgCode   | OrgName  | TrqCode  | TrqName                      | Model no |  |  |  |  |  |             |  |        |  |      |  |         |  |
| Manufacture & Product                          | Is the activity in which procurable items are modified & assembled to form a product. It essentially occurs once for each instance of the product which is delivered & is, therefore, a continuing operation. | A0             |         |           |  |          |                              |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
| Manufacture Request                            | A request for the production of a specific quantity of a specific part.   | ERR            |         |           |  |          |                              |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
| Manufacture Number                             | A number which uniquely identifies an occurrence of a manufacture request.  | ERR            |         |           |  |          |                              |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
| Manufacturing Assembly & Experience Capability | (see -En. Assembly Experience & Capability)   |                |         |           |  |          |                              |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
| Manufacturing Info                             | The list of subparts of any single part which is to be made. This pertains only to subassemblies & upward in the product.   | A3.105         |         | A3.201    | Complete Manufactured Parts List including M/B list. | A331.1C1 | Manufacturing BOM, Part Form |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
|  |   |                |         |           |  | A331.2C2 | Manufacturing BOM, Part      |          |  |  |  |  |  |             |  |        |  |      |  |         |  |
|  |   |                |         |           |  | A332.1C1 | Manufacturing BOM, Part      |          |  |  |  |  |  |             |  |        |  |      |  |         |  |

NOTE: TITLE: NUMBER: 95

| USED AT:                             |   | AUTHOR PROJECT: |         | DATE REV: |  |  |                   |       |    |   |    |  |  | WORKING     |  | READER |  | DATE |  | CONTEXT: |  |
|--------------------------------------|---|-----------------|---------|-----------|--|--|-------------------|-------|----|---|----|--|--|-------------|--|--------|--|------|--|----------|--|
|                                      |   |                 |         |           |  |  |                   |       |    |   |    |  |  | DRAFT       |  |        |  |      |  |          |  |
|                                      |   |                 |         |           |  |  |                   |       |    |   |    |  |  | RECOMMENDED |  |        |  |      |  |          |  |
|                                      |   |                 |         |           |  |  |                   |       |    |   |    |  |  | PUBLICATION |  |        |  |      |  |          |  |
| NOTES:                               |   | 1               | 2       | 3         | 4  | 5  | 6                 | 7     | 8  | 9 | 10 |  |  |             |  |        |  |      |  |          |  |
| Name                                 | Use Definition  | Code            | Synonym | OrdCode   | OrdName  | TrqCode  | TrqName           | Model | nd |   |    |  |  |             |  |        |  |      |  |          |  |
| Manufacturing Capability Information | 1. The manufacturing history, accomplishments & failures, along with present & future capability changes is used to inform engineering at an early stage in design as to what is economically feasible to manufacture. It includes the availability of facilities, equipment, materials, people, etc. | A-0.101         |         | A0.401    | Resource Characteristics Material Availability | A-1.2C3  |                   |       |    |   |    |  |  |             |  |        |  |      |  |          |  |
|                                      |   |                 |         | A0.502    |  |  |                   |       |    |   |    |  |  |             |  |        |  |      |  |          |  |
| Manufacturing Information Parts List | 1. The completion or extension of the manufacturing parts list as produced by production. It is primarily needed for scheduling   | A32.101         |         |           |  | A32.3C3<br>A32.2C1<br>A3.4C3<br>A3.3C5<br>A221.111 | Manufacturing RUM |       |    |   |    |  |  |             |  |        |  |      |  |          |  |

NUMBER:

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**757.15**

| USED AT   | AUTHOR PROJECT  | DATE REV. | WORKING DRAFT RECOMMENDED PUBLICATION | READER                     | DATE   | CONTEXT             |
|---|---|-----------|---------------------------------------|----------------------------|--|---------------------|
| NOTES   | 1 2 3 4 5 6 7 8 9 10  |           |                                       |                            |  |                     |
| Name  | Use Definition  | Code      | Synonym                               | ProCode                    | OrgName  | TrqName             |
| Model no  |   |           |                                       |                            |  |                     |
| Manufacturer-<br>ing Incl-<br>vidual parts<br>List, Incl<br>Identifica-<br>tion Special<br>Requirements | Parteses (among<br>others).<br><br>(see 'Incl. Parts<br>List, Incl Ident.,<br>Special Schedule<br>List, Incl<br>Identifica-<br>tion Special<br>Requirements                                 |           |                                       |                            |  |                     |
| Manufacturer-<br>ing Informa-   | Includes tools &<br>fixture information,<br>assembly & disassembly<br>information, & test<br>result information,<br>which may be useful<br>in determining how<br>to support the<br>product. | A-0.104   |                                       | A0.401<br>A0.301<br>A0.603 | Resource<br>Characteris-<br>tics<br>Production<br>Instructions<br>Production<br>Data | A-1.411             |
| Manufacturer-<br>ing Infra-<br>stones   | Estimates points in<br>time for accomplishing<br>major manufacturing<br>tasks.  | A222.111  |                                       | A215.401                   | Master<br>Schedule   | A222.111            |
| Manufacturer-<br>ing Parts  | Overall manufacturing<br>capabilities & capa-<br>cities required to<br>build the specified<br>major configuration<br>units.   | A112.101  |                                       |                            |  |                     |
| Manufacturer-<br>ing Parts  | These are overview  | A0.101    |                                       | A1.201                     | Resource   | A10.4C3<br>Resource |

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FTR110410000U  
8 September 1983

| USED AT  | AUTHOR<br>PROJECT  | DATE<br>REV. | NOTES 1 2 3 4 5 6 7 8 9 10 |                  |   |  |   |          |  |  |  |    | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT |  |
|----------|--|--------------|----------------------------|------------------|---|--|---|----------|--|--|--|----|--|--------|------|---------|--|
|          |  |              |                            |                  |   |  |   |          |  |  |  |    |  |        |      |         |  |
| Name     | Use Definition   | Code         | Synonym                    | UrqCode          | OrgName   | TrqCode  | TrqName   | Model nd |  |  |  |    |  |        |      |         |  |
| Ind Plan | Plans which include<br>flow sequence plans,<br>item & station<br>charts, item inden-<br>tures, facilities &<br>equipment require-<br>ments, manpower re-<br>quirements, tooling<br>requirements, mate-<br>rial requirements,<br>etc. | A212.1C1     |                            |                  | Plans, Time<br>& Cost<br>Estimates<br>Production<br>Plans<br>Supporting<br>Mfg. Plans | A0.5C4<br>A211.1C1<br>A211.2C2<br>A211.3C2<br>A211.4C2<br>A211.5C2<br>A222.1C3<br>A222.2C2 | Plans<br>Material<br>Plan<br>Flow Plan,<br>SUW<br>Procured<br>Items<br>Resource<br>Plans<br>Fabrication<br>Requirements<br>Assy. Inst.<br>Item Station<br>Plan<br>Materials,<br>Tooling,<br>Facility<br>& Equipment<br>Requirements |          |  |  |  |    |  |        |      |         |  |
|          |  |              |                            | A1.302<br>A1.402 |   | A212.1C1<br>A22.1C1<br>A222.3C4<br>A222.4C2<br>A22.3C4                                     | Flow Plan,<br>SUW<br>Item Station,<br>Plan<br>Mfg. Plan<br>Requirements<br>Fab., Assy.<br>& Test<br>Plans<br>Manpower<br>Plan<br>Material<br>Plan<br>Material<br>Plan   |          |  |  |  |    |  |        |      |         |  |
|          |  |              |                            |                  |   | A274.1C3<br>A224.2C3<br>A224.4C2   |   |          |  |  |  |    |  |        |      |         |  |
| NODE:    | TITLE:   | NUMBER:      |                            |                  |   |  |   |          |  |  |  | 98 |  |        |      |         |  |

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FTR1104100000  
8 September 1983

| USED AT  | AUTHOR:<br>PROJECT:  | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |                         |  |  |          |  |  |  |            | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT |
|--|--|---------------|-----------------------------|---------|-------------------------|--|--|----------|--|--|--|------------|--|--------|------|---------|
|  |  |               |                             |         |                         |  |  |          |  |  |  |            |  |        |      |         |
| Name   | Use Definition   | Code          | Synonym                     | OrdCode | OrdName                 | TrnCode                                      | TrnName  | Model nd |  |  |  |            |  |        |      |         |
| Mfg. Assembly Experience & Capability                      | 1. Available information on previously used manufacturing resources & methods which is available to support the manufacture of the product at hand.  | A11.412       |                             | A1.1C3  | Experience & Cap. Info. | A114.113<br>A114.212<br>A114.312<br>A114.411 |  |          |  |  |  |            |  |        |      |         |
| Mfg. Ind. Parts List, Tool Ident., Special Schedule Men's. | 1. MFG. IDENT PARTS LIST: The completion or extension of the manufacturing parts list as produced by production planning. It is primarily needed for scheduling purposes (among others). Tool Ident.: The identification of tools that are needed & the part for which they are needed. SPECIAL SCHED. MEN'S.: Most items are scheduled according to standard flow times. Any deviation from that is a special schedule requirement. | A0.304        |                             |         |                         | A221.111<br>A221.211<br>A222.112<br>A222.212 | Mfg. Ind. Parts List<br>Mfg. Ind. Parts List<br>Tool Ident.<br>Tool Ident. |          |  |  |  |            |  |        |      |         |
| Master Schedule  | 1. The top-level summary schedule for which all internal schedules   | A215.401      |                             |         |                         | A131.1C2<br>A131.2C2<br>A131.3C2             |  |          |  |  |  |            |  |        |      |         |
| NODE   | TITLE:   |               |                             |         |                         |  |  |          |  |  |  | NUMBER: 99 |  |        |      |         |

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| USED AT                                     | AUTHOR PROJECT   | DATE REV | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |         |          |          |               |  |  | WORKING DRAFT | READER | DATE | CONTEXT |
|---|--|----------|-----------------------------|---------|---------|---------|---------|----------|----------|---------------|--|--|---------------|--------|------|---------|
|   |  |          |                             |         |         |         |         |          |          |               |  |  |               |        |      |         |
| Name  | Use Definition   | Code     | Synonym                     | UrqCode | OrqName | TrqCode | TrqName | Model nd |          |               |  |  |               |        |      |         |
| Manufactur-<br>ing Planner                  | An employee with responsibility for planning the release of production orders.                       | E219     |                             |         |         |         |         |          | A224.5C2 | Manpower Plan |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A21.4C3  | Revised Plans |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A32.2C2  |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A32.3C2  |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A331.2C4 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A332.2C4 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A333.2C3 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A333.3C3 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A333.4C5 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A333.5C3 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A334.1C2 |               |  |  |               |        |      |         |
|   |  |          |                             |         |         |         |         |          | A334.2C2 |               |  |  |               |        |      |         |
| Manufactur-<br>ing Process                  | Generic activity required to produce parts, such as press, plate, weld, drill, paint, assemble, etc. | E95      |                             |         |         |         |         |          |          |               |  |  |               |        |      |         |
| Manufactur-<br>ing Process<br>Number        | A number which uniquely identifies a manufacturing process.  | E95      |                             |         |         |         |         |          |          |               |  |  |               |        |      |         |
| Manufactur-<br>ing Process<br>Specification | Reflects the applicability of an engineering specification to an individual manufacturing process.   | E162     |                             |         |         |         |         |          |          |               |  |  |               |        |      |         |
| NOTE:                                       | TITLE: NUMBER: 100   |          |                             |         |         |         |         |          |          |               |  |  |               |        |      |         |

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| USED AT:                    | AUTHOR:<br>PROJECT: | DATE:<br>REV: | WORKING |             | READER | DATE | CONTEXT: |
|                             |                     |               | DRAFT   | RECOMMENDED |        |      |          |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |         |             |        |      |          |

| Name | Use Definition   | Code | Synonym | OrqCode | OrqName | TrqCode              | TrqName  | Model no |
|------|--|------|---------|---------|---------|----------------------|--|----------|
|      | ules are derived. It includes the con-<br>tractual milestones<br>& their prerequisite<br>events as well as<br>identifying major<br>milestones selected by<br>management. |      |         |         |         | A131.4C3<br>A132.1C3 | Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies<br>Master<br>Schedule<br>Inconsis-<br>tencies |          |
|      |  |      |         |         |         | A132.2C3             |  |          |
|      |  |      |         |         |         | A132.3C2             |  |          |
|      |  |      |         |         |         | A133.1C3             |  |          |
|      |  |      |         |         |         | A133.2C2             |  |          |
|      |  |      |         |         |         | A133.3C5             |  |          |
|      |  |      |         |         |         | A134.2C3             |  |          |
|      |  |      |         |         |         | A134.3C1             |  |          |
|      |  |      |         |         |         | A141.1C3<br>A141.3C2 |  |          |

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| NODE | TITLE | NUMBER: 101 |
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FTR1104100000  
8 September 1983

| USED AT                     | AUTHOR PROJECT   | DATE REV | NOTES   | 1       | 2       | 3       | 4       | 5        | 6 | 7 | 8 | 9 | 10          | WORKING  |   | READER | DATE | CONTEXT  |
|-----------------------------|--|----------|---------|---------|---------|---------|---------|----------|---|---|---|---|-------------|----------|---|--------|------|----------|
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | DRAFT    | RECOMMENDED PUBLICATION   |        |      |          |
| Name                        | Use Definition   | Code     | Synonym | OrqCode | OrqName | TrqCode | TrqName | Model nd |   |   |   |   |             |          |   |        |      |          |
| Material Acquisition Status | 1. A report containing information on materials being procured to produce the product. | A51.202  |         |         |         |         |         |          |   |   |   |   |             | A142.1C2 | Long Lead Milestones  |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A142.2C2 |   |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A142.3C2 | Long Lead Milestones  |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A142.4C2 |   |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A143.1C2 |   |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A143.3C2 |   |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A143.5C2 | Mfg. Milestones Support Milestones Engr. Milestones Contract Milestones |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A144.1C3 |   |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A145.1C2 |   |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A145.2C2 |   |        |      |          |
| A145.3C2                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A145.4C2                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A222.111                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A222.211                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A222.312                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A144.5C3                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A222.414                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A223.111                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A223.515                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A224.413                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A224.512                    |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| A5.1C2                      |  |          |         |         |         |         |         |          |   |   |   |   |             |          |   |        |      |          |
| Material                    | 1. The information about   | A0.502   |         |         |         |         |         |          |   |   |   |   |             | A-0.101  | Mfg.  |        |      |          |
|                             |  |          |         |         |         |         |         |          |   |   |   |   |             | A5.402   |   |        |      | Internal |
| NOTE:                       | TITLE:   |          |         |         |         |         |         |          |   |   |   |   | NUMBER: 102 |          |   |        |      |          |

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|                             |                     |               |         |             |        |      |          |
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| USED AT                     | AUTHOR:<br>PROJECT: | DATE:<br>REV: | WORKING |             | READER | DATE | CONTEXT: |
|                             |                     |               | DRAFT   | RECOMMENDED |        |      |          |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     | PUBLICATION   |         |             |        |      |          |

| Name                            | Use Definition   | Code      | Synonym | UrqCode  | OrqName                                       | TrqCode   | TrqName                      | Model nd |
|---------------------------------|--|-----------|---------|----------|---|---|------------------------------|----------|
| Availability                    | near types of material are available (on hand & procurable) & on what schedules.   |           |         | A521.101 | Availability Material Availability (External) |   | Capability Information       |          |
| Material Breakdown Illustration | 1. An exploded pictorial depiction of the product with shaded codings representing the material comprising the basic air frame structure (e.g., aluminum, titanium, composites, etc.). | A142.102  |         |          |   | A142.2C1<br>A142.3I1<br>A142.4I3                | Critical Material Items      |          |
| Material Conflicts              | 1. Problems of under-support or over-support in terms of optimum procurement. May require production schedule adjustments.   | A224.401  |         |          |   | A22.401   | Support Schedule Problems    |          |
| Material Handling & Flow Plans  | 1. A method for handling & moving materials during product fabrication.  | A4111.101 |         |          |   | A4111.2C1<br>A4111.3C2<br>A4111.4C2<br>A411.101 | Plant Work package/ Problems |          |
| Material Issue                  | 1. A uniquely identifiable occurrence of a single quantity of a specific part having been withdrawn from   | FR9       |         |          |   |   |                              |          |

TITLE:

NUMBER:

103

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| USED AT                      |  | AUTHOR PROJECT     |         | DATE REV: |         |         |         |          |   |   |   |   |    | WORKING     |  | READER      |  | DATE |  | CONTEXT |  |
|------------------------------|--|--------------------|---------|-----------|---------|---------|---------|----------|---|---|---|---|----|-------------|--|-------------|--|------|--|---------|--|
|                              |  |                    |         | 1         | 2       | 3       | 4       | 5        | 6 | 7 | 8 | 9 | 10 | DRAFT       |  | RECOMMENDED |  |      |  |         |  |
|                              |  |                    |         | NOTES:    |         |         |         |          |   |   |   |   |    | PUBLICATION |  |             |  |      |  |         |  |
| Name                         | Use Definition   | Code               | Synonym | UrgCode   | OrgName | TrqCode | TrqName | Model nd |   |   |   |   |    |             |  |             |  |      |  |         |  |
| Material Issue Number        | A A unique number assigned to each material issue.   | FR9                |         |           |         |         |         |          |   |   |   |   |    |             |  |             |  |      |  |         |  |
| Material Operating Schedules | I Detail material schedules to support on-going production requirements.   | A224.301           |         |           |         |         |         |          |   |   |   |   |    |             |  |             |  |      |  |         |  |
| Material Plan                | I Plan includes such items as major sub-contract items to be purchased, first level make or buy plan, long term or critical items to be purchased, sole source items, etc. | AN.5CA<br>A142.401 |         |           |         |         |         |          |   |   |   |   |    |             |  |             |  |      |  |         |  |
| Material Policies Guidelines | I The direction & instruction on how materials will be acquired & handled.   | A3332.3C3          |         |           |         |         |         |          |   |   |   |   |    |             |  |             |  |      |  |         |  |
| Material Receipt             | F A uniquely identified occurrence of a single quantity of a specific part having been received into inventory.  | FR7                |         |           |         |         |         |          |   |   |   |   |    |             |  |             |  |      |  |         |  |
| Material Receipt             | F A unique number assigned to each   | FR7                |         |           |         |         |         |          |   |   |   |   |    |             |  |             |  |      |  |         |  |
| NODE                         |  | TITLE:             |         |           |         |         |         |          |   |   |   |   |    | NUMBER:     |  | 104         |  |      |  |         |  |



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| USED AT:                      |   | AUTHOR PROJECT:    |         | DATE REV:                  |  |                    |   |          |   |   |   |   |    | WORKING     |  | READER |  | DATE |  | CONTEXT: |  |  |  |  |  |  |  |  |  |
|-------------------------------|---|--------------------|---------|----------------------------|--|--------------------|---|----------|---|---|---|---|----|-------------|--|--------|--|------|--|----------|--|--|--|--|--|--|--|--|--|
|                               |   |                    |         |                            |  |                    |   |          |   |   |   |   |    | DRAFT       |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
|                               |   |                    |         |                            |  |                    |   |          |   |   |   |   |    | RECOMMENDED |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
|                               |   |                    |         |                            |  |                    |   |          |   |   |   |   |    | PUBLICATION |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| NOTES:                        |   |                    |         | 1                          | 2  | 3                  | 4   | 5        | 6 | 7 | 8 | 9 | 10 |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Name                          | Use Definition  | Code               | Synonym | OrigCode                   | OrigName   | TracCode           | TracName                                    | Model no |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Number                        | Material receipt.   |                    |         |                            |  |                    |   |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Material Requests             | 1. For ordering facilities, materials & equipment.  | A4113.203          |         |                            |  | A4113.3C1          |   |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Material Status Reports       | 1. The records of all materials. Includes the inventory records, the records of what is on order, the records of what is received & rejection records giving complete status of what is available or is expected to be available on any given date. | A5.1C4             |         | A5.301<br>A5.201<br>A5.401 | Rejection Reports<br>On-Order & Receiving Reports<br>Inventory Reports | A51.2C2            |   |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Materials Budget              | 1. A monetary restriction placed on the acquisition of materials.   | A51.3C2<br>A51.4C2 |         | A5.1C2                     | Materials Needs Schedule & Budget/Status                               | A51.3C2<br>A51.4C2 |   |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Materials, Components, Orders | 1. Facility equipment design specifications for initiating purchase requisitions for materials component parts, parts, etc. used for making equipment.  | A422.201           |         |                            |  | A0.5C1             | Purchase Requisitions For Tools & Equipment |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| NODE:                         |   |                    |         | TITLE:                     |  |                    |   |          |   |   |   |   |    | NUMBER: 105 |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |

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|  |   |                 |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |  |  |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| Name   | Use Definition  | Code            | Synonym | nrqCode                     | OrgName  | TrqCode  | TrqName | Model no |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| Materials Tooling, Facility & Equipment Requirements | 1 Parts of the manufacturing plan used in determining procurement dates for manufacturing planning.   | A222.2C2        |         | A0.101                      | Mfg. Plan  | A222.2C2   |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| Milestones   | 1 Established points in time, dates at which manufactured items are placed in work to support subsequent scheduled events, other milestone dates. | A211.101        |         |                             |  |  |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| Missions   | 1 The specifications for use of the products. What it is to be, & what it is to do.   | A-2.3C2         |         | A-2.101                     | System Req'ts./Change Requests Problems                            | A-2.3C2  |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| (Modified) Procurement Spec.                         | 1 (see Section "p" (Modified) Procurement Spec.)  |                 |         |                             |  |  |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| (Modified) Purchase Requisitions                     | 1 (see Section "p" (Modified) Purchase Requisitions)  |                 |         |                             |  |  |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| Monitoring Methods                                   | 1 Techniques used to track & record schedules & cost progress in order to identify & evaluate variances. Format & reporting intervals             | A24.101         |         | A241.101                    | Bar Chart, Line of Balance Formats EAC, BCWS/BCWP Cost To Schedule | A242.1C1<br>A242.2C1<br>A242.3C1<br>A242.4C2<br>A243.1C1<br>A243.2C1<br>A243.3C1 |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |
| TITLE:   |   | NUMBER: 106     |         |                             |  |  |         |          |  |  |  |  |  |                                       |  |        |  |      |  |          |  |

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| Name | Use Definition                               | Code     | Synonym | nrqCode | nrqName   | TrqCode | TrqName | Model nd |
|------|--|----------|---------|---------|---|---------|---------|----------|
|      | vary with importance of tasks being tracked. |          |         |         | (Earned Value) Performance Measurement Formats Chart Room Report Formats Cost Accounting Schedule Measurement Systems |         |         |          |
|      |  | A241.301 |         |         |   |         |         |          |
|      |  | A241.401 |         |         |   |         |         |          |

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| <div style="text-align: center; font-size: 2em; font-weight: bold;">2.1.14 Ne through Nu</div> |                   |              |  |        |      |         |
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|                           |  |                                  |                             |         |  |   |   |          |  |  |  |  |               |        |      |         |
| Name                      | Use Definition   | Code                             | Synonym                     | UrcCode | OrqName                                | TraCode   | TraName   | Model nd |  |  |  |  |               |        |      |         |
| Need For Adjustments      | 1. Variances exceeding tolerance levels which are correctable within existing costs & schedules.   | A243.203                         |                             |         |  | A243.311  |   |          |  |  |  |  |               |        |      |         |
| Need For Budget Revisions | 1. A correction to out of scope budget conditions in order to provide factual inputs for developing functional budgets.  | A2.3C2                           |                             | A2.401  | Need For Revisions                     | A23.1C2<br>A23.3C1  | Budget Change Request/Authorization   |          |  |  |  |  |               |        |      |         |
| Need For Revisions        | 1. Identification of some A2.401 problems in manufacturing which require a change to coordinating schedules or budgets or (more rarely) the master schedule. These would only be problems that could not be resolved by adjustments to "departmental schedules". |                                  |                             | A24.302 | Requests For Schedule & Budget Changes | A214.1C1<br>A222.1C2<br>A222.3C3<br>A222.4C1<br>A23.1C2<br>A23.4C1<br>A23.5C2 | Need To Reschedule<br>Need To Reschedule<br>Need To Reschedule<br>Need To Reschedule<br>Need For Budget Revisions<br>Need For Budget Revisions<br>Need For Budget Revisions |          |  |  |  |  |               |        |      |         |
| Need For Review Order     | 1. A document to control issuance of instructions, budgets, &  | A631.501<br>A632.501<br>A633.501 |                             |         |  | A61.5C3<br>A611.1C1   | Scrap Or Shrinkage  |          |  |  |  |  |               |        |      |         |

NOTE: TITLE: NUMBER: 109

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| USED AT                               | AUTHOR PROJECT   | DATE REV         |         |         |                    |                                  |                          |          |   |   |         | WORKING DRAFT | READER | DATE | CONTEXT |
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|                                       |  | NOTES            | 1       | 2       | 3                  | 4                                | 5                        | 6        | 7 | 8 | 9       |               |        |      |         |
| Name                                  | use Definition   | Code             | Synonym | DrqCode | DrqName            | TrqCode                          | TrqName                  | Model nd |   |   |         |               |        |      |         |
| Need To Reschedule                    | 1. A correction or adjustment to our of scene schedule conditions to provide rational inputs for revision coordination schedules & some- times involves master schedule adjustments. | A2.1C2<br>A2.2C3 |         | A2.401  | Need For Revisions | A611.3C2<br>A611.4C2             | WIP Status<br>WIP Status |          |   |   |         |               |        |      |         |
| Needs                                 | 1. Defects & assignments which are to be accomplished. (In the case of the Air Force, those military objectives which are in the national interest.)                                 | A-3.1C1          |         |         |                    | A-2.1C1                          | Overall Needs            |          |   |   |         |               |        |      |         |
| Neqntiaral Engineer (n) Release Dates | 1. Revised scheduled DMC release dates required to support start of manufacturing.   | A222.301         |         |         |                    | A222.4I1                         |                          |          |   |   |         |               |        |      |         |
| Net Needs                             | 1. The total production requirement less stock on hand to meet requirements.   | A611.101         |         |         |                    | A611.2C1<br>A611.3I1<br>A611.4I1 |                          |          |   |   |         |               |        |      |         |
| New & Use                             | 1. (new) indicates not   | A62.2I1          |         | A6.2I1  | Tools              | A622.1I1                         | Items &                  |          |   |   |         |               |        |      |         |
| MODE                                  | TITLE:   |                  |         |         |                    |                                  |                          |          |   |   | NUMBER: |               | 110    |      |         |

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| USED AT                                       | AUTHOR PROJECT   | DATE REV | NOTES: 1 2 3 4 5 6 7 8 9 10 |          |                                     |          |         |          |  |  |  |  | WORKING DRAFT | READER | DATE | CONTEXT |     |
|---|--|----------|-----------------------------|----------|-------------------------------------|----------|---------|----------|--|--|--|--|---------------|--------|------|---------|-----|
|   |  |          |                             |          |                                     |          |         |          |  |  |  |  |               |        |      |         |     |
| Name  | Use Definition   | Code     | Synonym                     | OrqCode  | OrqName                             | TrqCode  | TrqName | Model nd |  |  |  |  |               |        |      |         |     |
| Tools   | yet used by manufac-<br>turing being placed in<br>storage. (used) indi-<br>cates tool used by<br>manufacturing & being<br>returned to storage.   |          |                             |          |                                     |          |         |          |  |  |  |  |               |        |      |         |     |
| New Loan<br>Lead<br>Facilities<br>& Equipment | 1. That portion of the<br>facilities & equipment<br>policy used for<br>defining & identifying<br>long lead items.  | A144.2C1 |                             | A144.101 | Facilities<br>& Equipment<br>Policy | A144.2C1 |         |          |  |  |  |  |               |        |      |         |     |
| New Special<br>Facilities<br>& Equipment      | 1. That portion of the<br>facilities & equipment<br>policy used for<br>defining & identifying<br>special facilities<br>& equipment needs.  | A144.3C1 |                             | A144.101 | Facilities<br>& Equipment<br>Policy | A144.3C1 |         |          |  |  |  |  |               |        |      |         |     |
| Non-Project<br>Tools<br>Identification        | 1. Tools that are not<br>unique or definable<br>to the production of<br>a specific product,<br>but common to mul-<br>tiple program/projec-<br>t usage; e.g., punch<br>tapes for standard<br>size holes, brake<br>cyls for standard<br>forming operations,<br>etc. & perishable<br>tools such as tool<br>bits, drills, taps,<br>reamers, etc. | A143.401 |                             |          |                                     | A143.511 |         |          |  |  |  |  |               |        |      |         |     |
| NODE  | TITLE:   |          |                             |          |                                     |          |         |          |  |  |  |  |               |        |      | NUMBER: | 111 |

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|                                |  |           | 1       | 2       | 3       | 4                    | 5              | 6        | 7 | 8 | 9           | 10 |                                       |        |      |         |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10    |  |           |         |         |         |                      |                |          |   |   |             |    |                                       |        |      |         |  |
| Name                           | Use Definition   | Code      | Synonym | OrgCode | OrgName | TrqCode              | TrqName        | Model no |   |   |             |    |                                       |        |      |         |  |
| Non-Mach-<br>ring Cost         | 1 Parametric estimates of startup costs including tooling & manufacturing test operations based on historical data & complexity factors. | A122.201  |         |         |         | A122.412             |                |          |   |   |             |    |                                       |        |      |         |  |
| Normal Start Time              | A Time at which the employee normally starts to work.  | E116      |         |         |         |                      |                |          |   |   |             |    |                                       |        |      |         |  |
| Normal Stop Time               | A Time at which the employee normally stops work.  | E116      |         |         |         |                      |                |          |   |   |             |    |                                       |        |      |         |  |
| Number of Detail Parts by Type | 1 A numerical listing of parts by category: sheet metal, machined castings, forgings, composites, hardware, equipment items, etc.        | A1341.401 |         |         |         | A134.211<br>A134.312 |                |          |   |   |             |    |                                       |        |      |         |  |
| Number of Shifts               | 1 Determination of the optimum number of work-shifts to support delivery requirements.   | A123.201  |         |         |         | A123.311<br>A123.101 | Time Estimates |          |   |   |             |    |                                       |        |      |         |  |
| Number of Tools                | 1 Determination of the optimum number of duplicate tools to support delivery requirements.   | A123.301  |         |         |         | A123.2C4             |                |          |   |   |             |    |                                       |        |      |         |  |
| NODE                           | TITLE:   |           |         |         |         |                      |                |          |   |   | NUMBER: 112 |    |                                       |        |      |         |  |



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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |             |             |        |      |          |

| Name                           | Use Definition  | Code     | Synonym | OrgCode            | OrgName                            | TrgCode  | TrgName  | Model nd |
|--------------------------------|---|----------|---------|--------------------|------------------------------------|----------|--|----------|
| On-Order & Receiving Reports   | 1. Reports that show the status of materials on order & the status of materials received. | A5.201   |         | A52.303<br>A52.401 | On-Order Records Receiving Reports | A51.202  | Material Status Reports                              |          |
| On-Order Records               | 1. A list of materials & items on order   | A52.303  |         |                    |                                    | A5.201   | On-Order & Receiving Reports                         |          |
| Open Stock Material            | 1. Items from stock which are not placed into physical kits for production use.           | A623.101 |         |                    |                                    | A62.302  | Kits, Spare Parts, Repair & Retrofit Kits            |          |
| Operating Materials & Supplies | 1. Those materials & supplies necessary to operate & maintain the facilities.             | A41.312  |         | A5.403             | Procured Items                     | A413.111 | Completed Facilities, Operating Materials & Supplies |          |
|                                |   |          |         |                    |                                    | A413.211 | Completed Facilities, Operating Materials & Supplies |          |
|                                |   |          |         |                    |                                    | A413.311 | Completed Facilities, Operating Materials & Supplies |          |
|                                |   |          |         |                    |                                    | A413.411 | Completed Facilities, Operating Materials & Supplies |          |

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| NOTES: 1 2 3 4 5 6 7 8 9 10            |   |             |         |                            |         |         |             |
| Name                                   | Use Definition  | Code        | Synonym | OrgCode                    | OrgName | TrqCode | TrqName     |
| Operation<br>Standard                  | Reflects the amount of time allowed as a standard for the performance of the work defined by a specific routing item.       | E63         |         |                            |         |         |             |
| Operator                               | An employee who is qualified to operate specific equipment types, use specific tool types, &/or perform specific processes. | E53         |         |                            |         |         |             |
| Operator/<br>Machine<br>Assignment     | Reflects the assignment of a specific operator to a specific machine.   | E140        |         |                            |         |         |             |
| Operator<br>Number                     | A unique number assigned to each operator.  | E53         |         |                            |         |         |             |
| Operator<br>Work Station<br>Assignment | The assignment of a specific operator to a specific work station.   | E66         |         |                            |         |         |             |
| Operators                              | User of the product, e.g., Air Force personnel, Navy personnel, airline personnel, etc.                                     | A-2.3M1     |         |                            |         | A-2.3M1 |             |
| NOTE:                                  | TITLE:  |             |         |                            |         |         | NUMBER: 114 |

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| PROJECT:                            |     |   |           | REV:    |         |         |                      |         |       |    |   |   |    |         |  |       |  |          |  |
|                                     |     |   |           | 1       | 2       | 3       | 4                    | 5       | 6     | 7  | 8 | 9 | 10 |         |  |       |  |          |  |
| NOTES:                              |     |   |           | 1       | 2       | 3       | 4                    | 5       | 6     | 7  | 8 | 9 | 10 |         |  |       |  |          |  |
| Name                                | Use | Definition  | Code      | Synonym | NrqCode | OrgName | TraCode              | TraName | Model | nd |   |   |    |         |  |       |  |          |  |
| Optimization<br>Break<br>Points     | 1   | Factor assembly break-<br>down identification<br>determined as most<br>advantageous for eco-<br>nomical production &<br>product function.   | A111.201  |         |         |         | A111.311             |         |       |    |   |   |    |         |  |       |  |          |  |
| Options<br>with<br>Evaluations      | 1   | Alternate part forms<br>with an analysis of<br>fabrication methods &<br>use, e.g., a part<br>machined from a solid<br>piece of material, a<br>casting, a welded<br>assembly, diffusion<br>bonded part, etc. | A3332.201 |         |         |         | A3332.311            |         |       |    |   |   |    |         |  |       |  |          |  |
| Order<br>Completion<br>Dates        | 1   | The date orders are<br>scheduled complete.  | A611.203  |         |         |         | A611.3C1<br>A611.4C1 |         |       |    |   |   |    |         |  |       |  |          |  |
| Order<br>Completion<br>Notification | 1   | A reporting document<br>showing an order for<br>material has been<br>completed.   | A52.501   |         |         |         |                      |         |       |    |   |   |    |         |  |       |  |          |  |
| Order<br>Description                | 1   | Descriptive informa-<br>tion about the order.   | F57       |         |         |         |                      |         |       |    |   |   |    |         |  |       |  |          |  |
| Order<br>Discount<br>Terms          | 1   | Payment discount terms F26<br>applied to by the<br>supplier.  | F26       |         |         |         |                      |         |       |    |   |   |    |         |  |       |  |          |  |
| Order<br>Priority                   | 1   | 2 calculated value<br>used to rank the  | F57       |         |         |         |                      |         |       |    |   |   |    |         |  |       |  |          |  |
| NODE:                               |     | TITLE:  |           |         |         |         |                      |         |       |    |   |   |    | NUMBER: |  | 115   |  |          |  |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |                     |  |               |  |  |  |  |  |  |  |  |  |  |  |        |  |      |  |         |  |

| Name                                   | Use Definition   | Code | Synonym | OrgCode | OrgName | TrqCode | TrqName | Model nd |
|--|--|------|---------|---------|---------|---------|---------|----------|
| Order Quantity                         | order relative to all others. Major factors affecting order priority are: (1) number of days delay beyond due date. (2) Slack between earliest & latest start date. (3) External priority. | E57  |         |         |         |         |         |          |
| Order Part                             | the production quantity originally released.   | E198 |         |         |         |         |         |          |
| Originating Supplier Quotation Request | the occurrence of a part being ordered by a purchase order item.   | E298 |         |         |         |         |         |          |
| Other Charges                          | Reflects the original supplier quotation request to which an individual supplier quotation is a response.  | E26  |         |         |         |         |         |          |
|  | Costs in addition to the purchase price of the items. Includes setup charges, miscellaneous freight, insurance, handling, crating, etc.  |      |         |         |         |         |         |          |

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| PROJECT:                            |   | PROJECT:  |         | REV:                        |         |   |         |          |  |  |  |         |  |         |  |       |  |          |  |
|                                     |   |           |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |   |         |          |  |  |  |         |  |         |  |       |  |          |  |
| Name                                | Use Definition  | Code      | Synonym | DrqCode                     | DrqName | TrqCode   | TrqName | Model no |  |  |  |         |  |         |  |       |  |          |  |
| Other Types<br>Of Parts             | Items furnished by the customer, associated contractor or otherwise made available external to the normal procurement or fabrication processes.           | A1341.101 |         |                             |         | A1341.4C1   |         |          |  |  |  |         |  |         |  |       |  |          |  |
| Outline<br>Of Fab.<br>Operations    | An initial listing of fabrication operations of analyzing & determining the fabrication sequencing steps.   | A3333.203 |         |                             |         | A3333.3I1<br>A3333.5I2<br>A3333.4C2   |         |          |  |  |  |         |  |         |  |       |  |          |  |
| Outline Of<br>Inspection<br>Steps   | The actions necessary to measure or test attributes of manufactured items that will determine their conformance with the product definition requirements. | A3333.302 |         |                             |         | A3333.4C1<br>A3333.5I1  |         |          |  |  |  |         |  |         |  |       |  |          |  |
| Outline Of<br>Steps                 | A preliminary plan of the gross approach to assembly or install on the production line.   | A331.203  |         |                             |         | A331.3I1  |         |          |  |  |  |         |  |         |  |       |  |          |  |
| Outline Of<br>To Be Done<br>By Step | List of steps & operations needed to complete a detail part.  | A1334.101 |         |                             |         | A3334.2C1<br>A33343.2C1<br>A33343.3C1<br>A33343.1C1<br>A3334.4C4<br>A3334.5C3 |         |          |  |  |  |         |  |         |  |       |  |          |  |
| NODE:                               |   | TITLE:    |         |                             |         |   |         |          |  |  |  | NUMBER: |  | 117     |  |       |  |          |  |

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8 September 1983

| USED AT                                   |  | AUTHOR PROJECT |         | DATE REV. |         |         |         |          |   |   |   |   |   | WORKING DRAFT RECOMMENDED PUBLICATION |  | READER | DATE | CONTEXT |  |  |  |
|---|--|----------------|---------|-----------|---------|---------|---------|----------|---|---|---|---|---|---------------------------------------|--|--------|------|---------|--|--|--|
|   |  |                |         | NOTES     | 1       | 2       | 3       | 4        | 5 | 6 | 7 | 8 | 9 | 10                                    |  |        |      |         |  |  |  |
| Name                                      | Use Definition   | Code           | Synonym | OrgCode   | OrgName | TraCode | TraName | Model no |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Equipment Conformance Certification | A conformance certification which is for a serialized instance of equipment owned by the factory.              | E265           |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Equipment Instance                  | A serialized instance of equipment owned by the factory.   |                |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Equipment Requirement               | Reflects an equipment callout which is for a serialized instance of equipment owned by the factory.            | E261           |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Equipment Type                      | An equipment type which is owned by the factory.   | E279           |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Equipment Work Station Assignment   | Reflects the assignment of a serialized instance of equipment owned by the factory to a specific work station. | E277           |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Tool Conformance Certification      | A conformance certification which is applicable to a serialized instance of a tool owned by the factory.       | E250           |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |
| Owned Tool                                | A serialized instance  | E246           |         |           |         |         |         |          |   |   |   |   |   |                                       |  |        |      |         |  |  |  |

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|                                    | NOTES   | 1 2 3 4 5 6 7 8 9 10 |                                       |         |         |         |         |          |
| Name                               | Use Definition  | Code                 | Synonym                               | NrcCode | OrgName | TrgCode | TrgName | Model no |
| Instance                           | at a tool owned by the factory.   |                      |                                       |         |         |         |         |          |
| Owned Tool Requirement             | Reflects a tool call-out which requires a serialized instance of a tool owned by the factory.               | E247                 |                                       |         |         |         |         |          |
| Owned Tool Type                    | Reflects a tool type which is owned by the factory.   | E285                 |                                       |         |         |         |         |          |
| Owned Tool Work Station Assignment | Reflects the assignment of a serialized instance of a tool owned by the factory to a specific work station. | E293                 |                                       |         |         |         |         |          |

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|                               |                     |               |                             | DRAFT   |        |      |         |
| <h1>2.1.16 PO through Pu</h1> |                     |               |                             |         |        |      |         |
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|   |  |               | DRAFT   | RECOMMENDED<br>PUBLICATION |                     |          |                |
| NOTES: 1 2 3 4 5 6 7 8 9 10             |  |               |         |                            |                     |          |                |
| Name                                    | Use Definition   | Code          | Synonym | OrgCode                    | OrgName             | TrnCode  | TrnName        |
| P.O. Schedule                           | 1 A schedule applied to the purchase order showing next date.  | A242.2C2      |         | A24.2C2                    | Schedules & Budgets | A242.2C2 |                |
| P.O. Status                             | 1 Reports showing purchase order activity, including part numbers, quantities, release dates & delivery due dates.   | A242.201      |         |                            |                     | A24.201  | Status Reports |
| Packaging Requirements From Engineering | 1 Directions & specifications from engineering for protecting & shipping the product, part, kit, etc.  | A6.5C2        |         |                            |                     | A6.5C2   |                |
| Part                                    | 1 A physical product which is uniquely identifiable from other products based on its individual characteristics, which typically include form (shape), fit (dimensions), function (componentry), quality (the standard or specification it conforms to), etc.; typically each part (each product sharing the same characteristics) is assigned a unique part number by which |               |         |                            |                     |          |                |
| MODE                                    | TITLE:   |               |         |                            |                     | NUMBER:  | 121            |

257.15

| USED AT           | AUTHOR PROJECT  | DATE REV. | WORKING DRAFT RECOMMENDED PUBLICATION | READER    | DATE                  | CONTEXT  |
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| NOTES             | 1 2 3 4 5 6 7 8 9 10  |           |                                       |           |                       |  |
| Name              | Use Definition  | Code      | Synonym                               | OrqCode   | OrgName               | TrgCode TrgName Model no   |
| Part Drawing      | all instances of the same product are identified.<br>reflects the application of an engineering drawing to a specific part.   | E191      |                                       |           |                       |  |
| Part Form         | The exact finished form which is desired for the parts to have. This is sometimes a variant on precisely what the engineering drawing describes (because it convenient to postpone until later assembly steps). | A3.203    |                                       | A32.301   | Part (Sub-Part) Form  | A331.1C1<br>A331.2C2<br>A331.3C1<br>A332.2C1<br><br>A332.2C2<br>A332.3C3<br><br>A331.4C3<br>A331.1C1<br><br>A331.3C3<br>A331.2C2<br><br>Manufacturing ROM, Part Form<br>Manufacturing ROM, Part Form<br>Manufacturing ROM, Part Form<br>Manufacturing ROM, Part Form<br><br>Manufacturing ROM, Part Form<br>Form Of Item |
| Part Initial Form | An outline of the fabrication steps to be used in producing the detailed part.  | A3334.312 |                                       | A3333.501 | Complete Fab. Outline | A3343.1J1  |
| Part Lot          | A uniquely identifiable quantity of specific part traceable as a group from procurement &/or  | F43       |                                       |           |                       |  |

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|          |                     |               |                             |  |        |      |          |

| Name                            | Use Description  | Code | Synonym | OrgCode | OrgName | TrnCode | TrnName | Model nd |
|---------------------------------|--|------|---------|---------|---------|---------|---------|----------|
| Part Inf Assignment             | Through manufacturing.   |      |         |         |         |         |         |          |
|                                 | F The assignment of a part lot, or a portion of a part lot, or a portion of a part lot, to a production order for manufacture.   | E221 |         |         |         |         |         |          |
| Part Inf Conference Certificate | A Conference certificate used for a specific part lot.   | F215 |         |         |         |         |         |          |
| Part Inf Number                 | A Unique number serially assigned to each part lot.  | E93  |         |         |         |         |         |          |
| Part Inf Stock Location         | F The use of a stock location to store a specific part lot.  | E229 |         |         |         |         |         |          |
| Part Number                     | A Unique number which identifies an occurrence of part type; same number is assigned to every occurrence of the same part type, regardless of any other identification (such as serial number) which might also be assigned to each part instance, in addition to the part number. | F6   |         |         |         |         |         |          |

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| NODE: | TITLE: | NUMBER: 123 |
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| USED AT:                                   | AUTHOR:<br>PROJECT:  | DATE:<br>REV:        |         |                                  |  |                                  |  |          |  |  |  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT |
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| NOTES: 1 2 3 4 5 6 7 8 9 10                |  |                      |         |                                  |  |                                  |  |          |  |  |  |  |        |      |         |
| Name                                       | Use Definition   | Code                 | Synonym | UraCode                          | OrgName  | TraCode                          | TrqName  | Model no |  |  |  |  |        |      |         |
| Part/<br>Process<br>Specifica-<br>tion Use | F Reflects the author-<br>ization to use a pro-<br>cess specification for<br>a particular part.  | F255                 |         |                                  |  |                                  |  |          |  |  |  |  |        |      |         |
| Part<br>Specifica-<br>tion                 | F Reflects the applica-<br>tion of an engineering<br>specification to a<br>specified part.   | F120                 |         |                                  |  |                                  |  |          |  |  |  |  |        |      |         |
| Parts &<br>Tools For<br>Kits &<br>Spares   | F All necessary items;<br>tools, parts, hard-<br>ware, etc. for repair<br>& retrofit kits as<br>well as spares<br>installations.                   | A623.104             |         |                                  |  | A623.311                         |  |          |  |  |  |  |        |      |         |
| Parts For<br>Rework                        | F Nonconforming parts<br>that are found suit-<br>able for correction<br>through rework or<br>additional fabrication<br>&/or processing<br>efforts. | A631.503             |         |                                  |  | A631.112<br>A631.211<br>A631.311 | Rework<br>Orders<br>Parts<br>Needing<br>Further<br>Work<br>Parts<br>Needing<br>Further<br>Work |          |  |  |  |  |        |      |         |
| Parts<br>Needin<br>Further<br>Work         | F Correction of noncon-<br>forming parts, parts<br>accepted through a<br>specified number of<br>inspection steps, but<br>still incomplete, &       | A631.212<br>A631.312 |         | A631.303<br>A631.404<br>A631.503 | Processed<br>Part<br>Inspected<br>parts<br>Parts For<br>Rework | A631.212<br>A631.312             |  |          |  |  |  |  |        |      |         |

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|                              |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |                    |                              |                    |   |          |  |  |  | DRAFT       |  | RECOMMENDED |  |      |  |          |  |
|                              |  |                             |         |                    |                              |                    |   |          |  |  |  | PUBLICATION |  |             |  |      |  |          |  |
| Name                         | Use Definition   | Code                        | Synonym | OrqCode            | OrqName                      | TrqCode            | TrqName                                 | Model no |  |  |  |             |  |             |  |      |  |          |  |
| Parts needs                  | 1 parts being processed through various fabrication steps.   | A-1.401                     |         |                    |                              | A-1.3C3            | Product Manufacturing Requirements      |          |  |  |  |             |  |             |  |      |  |          |  |
| People                       | 1 Individuals capable of doing some production task(s).  | A4.401                      |         |                    |                              | A0.6M1             | Production Resources                    |          |  |  |  |             |  |             |  |      |  |          |  |
| Performance History          | 1 A record of actual cost & schedule progress for a specified task or tasks.   | A2.312                      |         | A2.402             | Performance Reports, History | A23.112<br>A23.313 |   |          |  |  |  |             |  |             |  |      |  |          |  |
| Performance Reports, History | 1 A recorded display of costs & schedule position for purposes of management appraisal of tasks. Also becomes a record of past performance for future use, e.g., production comparison, etc. | A2.402                      |         | A24.201<br>A24.301 | Status Reports Evaluations   | A23.112<br>A23.313 | Performance History Performance History |          |  |  |  |             |  |             |  |      |  |          |  |
| Personnel Consideration      | 1 The types of skills needed & availability  | A121.4C3<br>A121.4C1        |         | A121.101           | Facilities Resource          |                    |   |          |  |  |  |             |  |             |  |      |  |          |  |

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|                            |  |                      |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |          |                                     |          |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
| Name                       | Use Definition   | Code                 | Synonym | OrdCode                     | OrgName | TrnCode  | TrnName                             | Model nd |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
| tions                      | of required personnel during the need period.  | A121.4C2             |         |                             |         | A121.201 | Plan Equipment Plan                 |          |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
| Personnel Plan             | General plan for acquiring needed additional employees, including recruiting, training, upgrading, multi-shift approach, overtime usage, etc.  | A145.401<br>A121.401 |         |                             |         | A121.301 | Tool Plan                           |          |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
| Plan Production Facilities | The planning function is the analysis, coordination, & engineering design of the facility to accomplish the assigned work.   |                      |         |                             |         | A1.402   | Supporting Mfg. Plan Resource Plans |          |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
| Planned Queue flow         | Standard time interval during which a shon order awaits processing by an equipment type.   | ES1                  |         |                             |         |          |                                     |          |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
| Planned Routine            | Represents a uniquely identifiable series of processes, which are intended for performance in a predetermined sequence, involving one or more work stations, & which may be used for the | ESB                  |         |                             |         |          |                                     |          |  |  |  |  |  |                                       |         |        |     |      |  |         |  |
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|                               |   | 1                           | 2       | 3       | 4  | 5   | 6        | 7        | 8 | 9 | 10 |          |
|                               |   | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |  |   |          |          |   |   |    |          |
| Name                          | Use Description   | Code                        | Synonym | DocCode | DocName  | TracCode                                    | TracName | Model no |   |   |    |          |
|                               |   |                             |         |         | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER                                      | DATE     |          |   |   |    |          |
| Planned<br>Routing Use        | production of one or more parts.<br>Reflects the author-<br>ization to use a<br>planned routing for a<br>specific part.   | F254                        |         |         |  |   |          |          |   |   |    |          |
| Planning<br>Packages          | Segments of the pro-<br>duct budget identified<br>to specific WBS ele-<br>ments.  | A23.102                     |         |         |  | A23.311                                     |          |          |   |   |    |          |
| Planning<br>Problems          | Conflicts & discrep-<br>ancies in developing<br>a complete fabrication<br>outline (fabrication<br>steps) that will sup-<br>port the completion of<br>finished part require-<br>ments. | A3333.201                   |         |         |  | A3332.3C4                                   |          |          |   |   |    |          |
| Planning<br>Release<br>Dates  | Need dates for plan-<br>ning release required<br>to support start of<br>manufacturing.  | A222.101                    |         |         |  | A222.413                                    |          |          |   |   |    |          |
| Plant<br>Layout               | Structures & buildings<br>identified for use by<br>personnel in fabrica-<br>tion of the product.  | A4113.101<br>A4113.201      |         |         |  | A422.4C1<br>A421.111<br>A421.312            |          |          |   |   |    |          |
| Plant<br>Package/<br>Problems | Consisted of the<br>facility design lay-<br>outs, area,   | A411.101                    |         |         |  | A4111.101<br>Material<br>Handling<br>& Flow |          |          |   |   |    |          |



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|                                      |  | NOTES                | 1       | 2                      | 3  | 4  | 5                         | 6     | 7  | 8 | 9 |  |        |      |         |
| Name                                 | Use Definition   | Code                 | Synonym | NrqCode                | NrqName  | TraCode  | TraName                   | Model | nd |   |   |  |        |      |         |
| Potential<br>Areas of<br>Conflict    | Utilities, schedules,<br>etc., along with<br>approval to proceed<br>with modification &/or<br>construction. Cost/<br>schedule conflicts &<br>sequencing of effort<br>are associated pro-<br>grams. | A213.101             |         | A4111.401<br>A4111.301 | Plans<br>Costs,<br>Crew Sizes<br>Soace<br>Utilization<br>& Station<br>Specs. | A4113.1C2<br>A4113.2C1<br>A4113.3C2<br>A41.103 | Work Orders,<br>Schedules |       |    |   |   |  |        |      |         |
| Potential<br>Sources                 | A list of suppliers/<br>vendors meeting<br>requirements estab-<br>lished by company<br>policy for qualifying on<br>specific types of work<br>or services.  | A521.102             |         |                        |  | A213.2I1<br>A213.3I1<br>A213.4I1               |                           |       |    |   |   |  |        |      |         |
| Power,<br>Space,<br>Support<br>Needs | The projected require-<br>ments for additional<br>or replacement equip-<br>ment to support pro-<br>duct fabrication<br>requirements.   | A421.301             |         |                        |  | A4111.1I1                                      |                           |       |    |   |   |  |        |      |         |
| Practices,<br>Procedures             | A set or list of<br>acceptable instruc-<br>tion/methods for main-<br>taining specific types  | A424.1C2<br>A424.2C1 |         |                        |  | A424.1C2<br>A424.2C1                           |                           |       |    |   |   |  |        |      |         |

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|  |  | NOTES                            | 1       | 2       | 3       | 4  | 5       | 6        | 7                          | 8 | 9 |  |        |      |          | 10 |
| Name   | Use Definition   | Code                             | Synonym | DrqCode | DrqName | TrqCode  | TrqName | Model nd |                            |   |   |  |        |      |          |    |
| Preliminary<br>Particulars<br>of Facilities<br>& Equipment<br>Cost | Initial cost estimate<br>of facilities & equip-<br>ment.   | A144.401                         |         |         |         | A144.511   |         |          |                            |   |   |  |        |      |          |    |
| Preliminary<br>Master<br>Schedule                                  | Major milestones &<br>events. Requires<br>reviews by functional<br>personnel.  | A212.301                         |         |         |         | A213.111<br>A213.211<br>A213.311<br>A213.411<br>A214.111             |         |          |                            |   |   |  |        |      |          |    |
| Preliminary<br>Subcontract<br>Plan                                 | Identification of<br>major "buy" sub-<br>assemblies, systems, &<br>equipment by subcon-<br>tractor/supplier<br>where determined. | A142.301                         |         |         |         | A142.411   |         |          |                            |   |   |  |        |      |          |    |
| Prepared<br>Equipment<br>Tools                                     | Equipment & tools<br>ready for use.  | A631.204<br>A632.203<br>A633.203 |         |         |         | A631.3M1<br>A631.4M1<br>A632.3M1<br>A632.4M1<br>A633.3M1<br>A633.4M1 |         |          |                            |   |   |  |        |      |          |    |
| Priorities   | The relative impor-<br>tance of any one work<br>package with respect<br>to other work pack-<br>ages.                             | A61.401                          |         |         |         | A61.5C1<br>A6.102  |         |          | Work Package<br>Priorities |   |   |  |        |      |          |    |
| Priorities   | Priorities are the   | A631.1C1                         |         |         |         | A63.1C1  |         |          | Work Packages/ A631.1C1    |   |   |  |        |      |          |    |

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|                                  |   |  |                            |          |                      |           |                                       |       |    |  |  |         |                  |        |      |         |
| Name                             | Use Definition  | Code   | Synonym                    | OrqCode  | OrqName              | TrqCode   | TrqName                               | Model | nd |  |  |         |                  |        |      |         |
| Revisions,<br>FST, Flow<br>Times | relative importance of A632.1C1<br>items to other items<br>with respect to com-<br>pletion.<br>MURFINGS show where<br>each of the opera-<br>tional step instruc-<br>tions will be per-<br>formed. FST, flow time<br>is the elapsed time<br>allocated for fabrica-<br>tion assembly, move-<br>ment, processing, etc. |  |                            |          |                      |           |                                       |       |    |  |  |         |                  |        |      |         |
| Problem<br>Identifica-<br>tion   | Possible problem areas A243.2I1<br>identified in the pro-<br>cess of comparing<br>actuals to plans.   |  |                            | A243.101 | Variance<br>Analysis | A243.2I1  |                                       |       |    |  |  |         |                  |        |      |         |
| Problems in<br>Planning          | Situations wherein the A331.301<br>detail steps cannot<br>be developed in<br>accordance with the<br>outline of steps.   |  |                            |          |                      | A331.2C6  |                                       |       |    |  |  |         |                  |        |      |         |
| Problems<br>With<br>Instructions | A need to request<br>changes in or clarifi-<br>cation of the manu-<br>facturing steps<br>instructions in order<br>to perform efficient<br>production.   | A63F1.101<br>A63F1.201<br>A63F1.301<br>A63F1.401 |                            |          |                      | A0.301    | Requests<br>For<br>Planning<br>Change |       |    |  |  |         |                  |        |      |         |
| Problems<br>With Orders          | Procurement problems<br>resulting from sup-   | A5212.401  |                            |          |                      | A5212.1C2 |                                       |       |    |  |  |         |                  |        |      |         |
| NOTE:                            | TITLE:  |  |                            |          |                      |           |                                       |       |    |  |  | NUMBER: | 130              |        |      |         |

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|-------------------------------|---------------------|--|----------|---------|---------|--|---|-------|----|---|----|--|--------|------|----------|--|
|                               |                     | 1  | 2        | 3       | 4       | 5  | 6   | 7     | 8  | 9 | 10 |  |        |      |          |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10   |                     |  |          |         |         |  |   |       |    |   |    |  |        |      |          |  |
| Name                          | Use Definition      | Code   | Synonym  | UrqCode | UrqName | TrqCode                                      | TrqName   | Model | nd |   |    |  |        |      |          |  |
| Problems With Schedule        | 1                   | Adjustments in schedule to compensate for engineering changes, procurement delays, & material/item shortages, etc.   | A612.302 |         |         | A6.1C2                                       | Status Problems   |       |    |   |    |  |        |      |          |  |
| Process Skill Requirement     | 1                   | Reflects skills which are required by an individual process.   | E238     |         |         |  |   |       |    |   |    |  |        |      |          |  |
| Process Specification Callout | 1                   | The requirement of a specific process specification for a particular item.   | K256     |         |         |  |   |       |    |   |    |  |        |      |          |  |
| Processed Assembly            | 1                   | Assemblies that have been completed through a predetermined number of assembly steps & are ready for inspection, stores, or additional assembly effort as subsequent assembly line stations. | A632.303 |         |         | A632.4I1<br>A632.1I2<br>A632.2I2<br>A632.3I2 | Rework Orders Assemblies Further Work Assemblies Needing Further Work |       |    |   |    |  |        |      |          |  |
| Processed Item                | 1                   | Items that have been completed through a predetermined number of assembly/installation stations.   | A633.303 |         |         | A633.4I1<br>A633.1I2<br>A633.2I2             | Rework Orders Items   |       |    |   |    |  |        |      |          |  |

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|                   |  |                      |                             |          |                    |                      |   |          |  |  |  |  |                                       |        |      |             |
| Name              | Use Definition   | Code                 | Synonym                     | OrgCode  | OrgName            | TrgCode              | TrgName                                   | Model nd |  |  |  |  |                                       |        |      |             |
| Processed Part    | 1<br>Fabrication steps 5 are ready for inspection, stores, or additional assembly/installation effort at subsequent assembly line stations.  | A631.303             |                             |          |                    | A633.312             | Needling Further Work                     |          |  |  |  |  |                                       |        |      |             |
|                   |  |                      |                             |          |                    | A631.411<br>A631.112 | Items Needling Further Work               |          |  |  |  |  |                                       |        |      |             |
|                   |  |                      |                             |          |                    | A631.212             | Rework Orders Parts Needling Further Work |          |  |  |  |  |                                       |        |      |             |
|                   |  |                      |                             |          |                    | A631.312             | Parts Needling Further Work               |          |  |  |  |  |                                       |        |      |             |
| Procurement Items | 1<br>Items that can be obtained by purchase, subcontract, inter-division transfer, or customer furnished, e.g., people, facilities, equipment, materials, hardware, sub-systems, component parts, etc. | A-2.211              |                             | A-3.111  | Resources          | A-1.413<br>A52.411   | Incoming Material                         |          |  |  |  |  |                                       |        |      |             |
| Procurement Item  | 1<br>The complete specification of an item   | A334.202<br>A333.201 |                             | A334.102 | Item Specification | A5.3C1<br>A5.211     |   |          |  |  |  |  |                                       |        |      |             |
| NOTE:             | TITLE:   |                      |                             |          |                    |                      |   |          |  |  |  |  |                                       |        |      | NUMBER: 132 |

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|   |   |                    |                             |          |                           |  |  |          |  |  |  |             |  |        |      |         |
| Name                                      | Use Definition  | Code               | Synonym                     | OrgCode  | OrgName                   | TrqCode  | TrqName  | Model no |  |  |  |             |  |        |      |         |
| Specifications                            | that is to be obtained (so that it can be ordered from a vendor). It includes the instructions for inspecting the procured item.  |                    |                             | A334.301 | Receiving Inspection Plan | A51.412<br>A334.3C1<br>A334.4C2                    |  |          |  |  |  |             |  |        |      |         |
| Procurement Items                         | Items which are obtained from the outside & used in supporting the manufacturing effort. Also procurable items in & from material stores e.g., material hardware, & component parts of the product being mfd. | A5.403<br>A211.2C2 |                             | A0.101   | Manufacturing Plan        | A41.211<br>A41.312<br>A422.311<br>A43.411          | Operating Materials & Supplies<br>Materials To Make Tools<br>Procured Tool<br>Production Items |          |  |  |  |             |  |        |      |         |
| Procurement Conflicts<br>Responsibilities | Identified discrepancies between material procurement, start dates, lead times & manufacturing need dates, & organizations responsible for resolution.  | A213.401           |                             |          |                           | A43.511<br>A4.411<br>A6.212<br>A211.2C2<br>A21.301 | Schedule Conflicts   |          |  |  |  |             |  |        |      |         |
| Procurement Needs                         | The remaining material needs that are not on hand or on order &   | A51.203            |                             |          |                           | A51.311<br>A51.411                                 |  |          |  |  |  |             |  |        |      |         |
| MODE                                      | TITLE   |                    |                             |          |                           |  |  |          |  |  |  | NUMBER: 133 |  |        |      |         |

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|                              |  | NOTES          | 1       | 2         | 3  | 4  | 5   | 6     | 7  | 8 | 9 | 10        |  |                                       |  |        |  |      |  |         |  |
| Name                         | Use Definition   | Code           | Synonym | UrqCode   | OrqName                                      | TrqCode  | TrqName   | Model | nd |   |   |           |  |                                       |  |        |  |      |  |         |  |
| Procurement Package          | 1. Consists of material/ item specifications & list of approved suppliers.   | A52.2C1        |         | A521.301  | Selected Source (Modified) Procurement Spec. | A52.2C1  |   |       |    |   |   |           |  |                                       |  |        |  |      |  |         |  |
| Procurement Problems         | 1. Any difficulty of obtaining the desired material in the form, quantity, or at the time requested.                 | A5.202         |         | A52.102   | Availability Problems                        | A0.502   | Material Availability Procured Item Specs/ Problems   |       |    |   |   |           |  |                                       |  |        |  |      |  |         |  |
| (Modified) Procurement Spec. | 1. Any change made to the original procured item specification.  | A521.203       |         | A5212.302 | (Modified) Purchase Requisition              | A52.104  | Procurement Package                                   |       |    |   |   |           |  |                                       |  |        |  |      |  |         |  |
| Product Requirements         | 1. A need for the breakdown of product build-up into packages of effort based on the WBS (Work Breakdown Structure). | A-2.311        |         | A-1.3C3   | Product Manufacturing Requirements           | A23.111<br>A23.211<br>A23.312                    | Contract Item   |       |    |   |   |           |  |                                       |  |        |  |      |  |         |  |
| Product Design               | 1. The design of the products produced by engineering.   | A-1.201        |         |           |  | A-1.412<br>A11.111<br>A0.2C3<br>A0.3C3<br>A0.5C5 | Engr. BOM<br>Engr. Rel.<br>(Long Lead)<br>Item Orders |       |    |   |   |           |  |                                       |  |        |  |      |  |         |  |
| Product                      | 1. Functional capability-  | A-1.2C2        |         | A-2.2C1   | Product                                      | A-1.2C2  |   |       |    |   |   |           |  |                                       |  |        |  |      |  |         |  |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               | RECOMMENDED      |        |      |         |
|                             |                     |               | PUBLICATION      |        |      |         |

| Name                                      | Use Definition   | Code    | Synonym | DrqCode | DrqName              | TrqCode | TrqName  | Model nd |
|---|--|---------|---------|---------|----------------------|---------|--|----------|
| Functional Requirements                   | ties performance specifications, etc.  |         |         |         | Requirements         |         |  |          |
| Product Manufacturer-<br>inc Requirements | 1 (see Product Mfg. Reqs.)   |         |         |         |                      |         |  |          |
| Product Mfg. Reqs.                        | 1 Includes the quantity & delivery schedule of production & the constraints on sources of components (such as Government furnished equipment, or subcontracted items). | A-1.3C3 |         | A-2.2C1 | Product Requirements | A11.2C1 | Source Requirements  |          |
|   |  |         |         |         |                      | A11.1C1 |  |          |
|   |  |         |         |         |                      | A11.2C1 |  |          |
|   |  |         |         |         |                      | A11.3C2 |  |          |
|   |  |         |         |         |                      | A11.3C2 |  |          |
|   |  |         |         |         |                      | A11.3C3 |  |          |
|   |  |         |         |         |                      | A11.4C2 |  |          |
|   |  |         |         |         |                      | A11.4C3 |  |          |
|   |  |         |         |         |                      | A12.1C1 |  |          |
|   |  |         |         |         |                      | A12.2C1 |  |          |
|   |  |         |         |         |                      | A12.3C2 |  |          |
|   |  |         |         |         |                      | A1.4C2  |  |          |
|   |  |         |         |         |                      | A2.1I1  |  |          |
|   |  |         |         |         |                      | A2.3I1  |  |          |
|   |  |         |         |         |                      |         | Resource Requirements<br>Cost Limits,<br>Acquisition<br>Requirements<br>Delivery<br>Requirements<br>O.A. Requirements<br>Scheduling<br>Requirements<br>WRS<br>Product<br>Budget<br>Requirements<br>WRS |          |
| Product,                                  | 1 A deliverable/sale-  | A-0.102 |         | A4.501  | Delivered            | A-2.3I1 | Product  |          |

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|                          |   |                    | 1       | 2       | 3                                  | 4   | 5   | 6        | 7 | 8 | 9 | 10 |      |        |  |         |
| Name                     | Use Definition  | Code               | Synonym | OrqCode | OrqName                            | TraCode   | TraName   | Model no |   |   |   |    |      |        |  |         |
| Parts, Prototypes        | able item produced for a customer & usually referred to as the product. The term product includes prototypes, models, parts, kits, etc. | A-2.402            |         |         | Products                           | A-2.4I2<br>A-1.2I1  | Parts, Mod Kits<br>Prototypes, Models   |          |   |   |   |    |      |        |  |         |
| Product Ready for Use    | 1. The result of maintenance, retrofit or rebuild which has prepared the product to be used again.                                      | A-2.402            |         |         |                                    | A-2.3I1   |   |          |   |   |   |    |      |        |  |         |
| Product Requirements     | 1. The capabilities & functions, performance specifications, as well as the production needs for the product.                           | A-2.2C1            |         | A-2.102 | System Requirements                | A-1.1C2<br>A-1.2C2<br>A-1.3C3<br>A-1.4C3                                  | Product Functional Requirements<br>Product Manufacturing Requirements<br>Product Support Requirements |          |   |   |   |    |      |        |  |         |
| Product Scheduling & WBS | 1. The delivery dates of the products being produced, & the work breakdown structure (WBS) for major product components.                | A-2.1I1            |         | A-1.3C3 | Product Manufacturing Requirements | A-2I.3I2<br>A-2I1.1I1<br>A-2I1.2I1<br>A-2I1.3I1<br>A-2I1.4I1<br>A-2I1.5I1 | Delivery Schedule   |          |   |   |   |    |      |        |  |         |
| Product Suggestions      | 1. Requested changes to the product resulting   | A-2.301<br>A-1.1C3 |         | A-2.2C3 | Field Inputs                       | A-2.2C3   | Field Inputs  |          |   |   |   |    |      |        |  |         |

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|                              |  |                 |         |           |                      |                    |  |          |   |   |   |   |    | DRAFT       |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
|                              |  |                 |         |           |                      |                    |  |          |   |   |   |   |    | RECOMMENDED |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
|                              |  |                 |         |           |                      |                    |  |          |   |   |   |   |    | PUBLICATION |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| NOTES                        |  |                 |         | 1         | 2                    | 3                  | 4  | 5        | 6 | 7 | 8 | 9 | 10 |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Name                         | Item Definition  | Code            | Synonym | UrgCode   | DrqName              | TrqCode            | TrqName  | Model nd |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Product Support Requirements | 1. The frequency, location & extent of maintenance required for the product.<br>from lrs use.  | A-1.4C3         |         | A-2.2C1   | Product Requirements | A-1.1C3<br>A-1.4C3 |  |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Product Support Resources    | 1. The facilities, equipment, & tools necessary to support the use & maintenance of the product.   | A-1.403         |         |           |                      | A-2.3M2<br>A-2.4M1 | Operation Support Resources<br>Maintenance Support Resources |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Production Data              | 1. Detailed description of each specific serial number of the product, change levels, serial number of the components which it contains, etc. It describes exactly what this particular instance of the product is. It does not include how to use it or how to repair it. It may include the bill of material with change level of each part for this serial number of the product. | A0.603          |         |           |                      | A-2.4I3            |  |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| Production                   | 1. The detailed instruction  | A3.302          |         | A33.102   | Tool                 | A61.3I1            |  |          |   |   |   |   |    |             |  |        |  |      |  |          |  |  |  |  |  |  |  |  |  |
| NODE:                        |  |                 |         | TITLE:    |                      |                    |  |          |   |   |   |   |    | NUMBER:     |  | 137    |  |      |  |          |  |  |  |  |  |  |  |  |  |

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|                       |        |  |  | NOTES 1 2 3 4 5 6 7 8 9 10 |  |         |  |         |  |                                       |             |          |  |  |  |          |  |      |  |         |  |
| Name                  |        | Use Definition   |  | Code                       |  | Synonym |  | OrqCode |  | OrqName                               |             | TrqCode  |  | TrqName  |  | Model nd |  |      |  |         |  |
| Instructions          |        | Instructions specifying how to make the part. It includes the operations & sequence plus any relevant specifications of how these operations are to be performed. In addition it includes the manufacturing indented list. |  |                            |  |         |  | A33.202 |  | Specs., Production Instructions Tool  |             | A63.301  |  | Line Assembly Instructions   |  |          |  |      |  |         |  |
|                       |        |  |  |                            |  |         |  | A33.301 |  | Specs., Production Instructions Tool  |             | A0.304   |  | Manufacturing Information Manufacturing Ident., Special Tool Ident., Special Schedule Requirements |  |          |  |      |  |         |  |
| Production Items      |        | Components of the product being produced.  |  | A6.211                     |  |         |  | A6.403  |  | Disassembled Sub Parts Finished Items |             | A62.211  |  | Procured Items, Production Items, New & Used Tools   |  |          |  |      |  |         |  |
| Production Kit Orders |        | Instructions from the work package listing raw materials, component parts, tools, etc. to be used for production given numbers of specific items.  |  | A623.2C2                   |  |         |  | A5.403  |  | Procured Items                        |             |          |  |  |  |          |  |      |  |         |  |
| Production Order      |        | An order for the production of a specified quantity of a specific part.  |  |                            |  |         |  | A62.3C2 |  | Work Packages                         |             | A623.2C2 |  |  |  |          |  |      |  |         |  |
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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     | PUBLICATION   |         |             |        |      |         |

| Name                                  | Use Definition   | Code   | Synonym | DrqCode  | DrqName   | TrqCode  | TrqName  | Model no |
|---------------------------------------|--|--------|---------|----------|---|--|--|----------|
| Production Order Approval             | F Reflects the approvals which have been effected for production orders.   | F218   |         |          |   |  |  |          |
| Production Order Approval Authority   | F Reflects the approval limits of employees for production orders.   | F217   |         |          |   |  |  |          |
| Production Order Number               | A A number which uniquely identifies an occurrence of a production order.  | F57    |         |          |   |  |  |          |
| Production Order Part Drawing Callout | F The drawing which is to be used to graphically reflect the geometric characteristics of the part to be made.   | E224   |         |          |   |  |  |          |
| Production Plans                      | L A subordinated detail-<br>Inn of the production<br>nction of the manu-<br>facturing plan devel-<br>oping line assembly<br>sequencing, installa-<br>tion sequencing, hatch<br>assembly sequencing,<br>detail parts sequenc-<br>ing, & confirming<br>structure & method<br>of manufacture. | A1,302 |         | A131,501 | Confirmed<br>Structure<br>& Method<br>of Manufac-<br>ture | A14,211<br>A14,311<br>A145,111<br>A145,414<br>A144,111<br>A144,111<br>A0,101 | Fabrication<br>Plan<br>Fabrication &<br>Assembly Plan<br><br>Manufacturing<br>Plan |          |
|                                       |  |        |         | A133,301 | Watch   |  |  |          |
|                                       |  |        |         | A134,302 | Assembly Plan<br>Fabrication<br>Plan                      |  |  |          |

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|                         |  |                |         | NOTES: 1 2 3 4 5 6 7 8 9 10                 |  |         |  |          |  |  |  |  |  |               |  |        |  |      |  |         |  |
| Name                    | Use Definition   | Code           | Synonym | OrgCode                                     | OrgName  | TrqCode | TrqName  | Model no |  |  |  |  |  |               |  |        |  |      |  |         |  |
| Production Requirements | 1. Work inspection, make-<br>rial review, change<br>verification, receiv-<br>ing inspection, non-<br>destructive testing &<br>other actions required<br>to ensure continuing<br>production of a<br>satisfactory end<br>item. | A141.102       |         | A141.2C1<br>A141.3I1                        |  |         |  |          |  |  |  |  |  |               |  |        |  |      |  |         |  |
| Production Requirements | 1. (see Production<br>Req'ts.)   |                |         |   |  |         |  |          |  |  |  |  |  |               |  |        |  |      |  |         |  |
| Production Requirements | 1. The detailed total<br>requirement to satis-<br>fying the schedules;<br>includes lowest level<br>part numbers, quan-<br>tities, required<br>dates.   | A611.202       |         | A612.1C1                                    |  |         |  |          |  |  |  |  |  |               |  |        |  |      |  |         |  |
| Production Resources    | 1. The facilities,<br>equipment, tools, &<br>people available for<br>producing the<br>product.   | A0.402         |         | A4.103<br>A4.203<br>A4.303<br>A4.401        | Facilities<br>Equipment<br>Tools<br>People             | A62.2I1 | Procured<br>Items,<br>Production<br>Items, New<br>& Used Tools |          |  |  |  |  |  |               |  |        |  |      |  |         |  |
| Production Schedules    | 1. Includes Master Post-<br>tion (Acceleration)<br>Curves for major<br>assembly & installa-<br>tion (start & comple-<br>tion rates for each<br>major item) plus sub-   | A223.501       |         | A224.1I1<br>A224.2I1<br>A224.3I1<br>A22.201 | Start Dates<br>Need Dates<br>Coordinating<br>Schedules |         |  |          |  |  |  |  |  |               |  |        |  |      |  |         |  |

NOTE: TITLE:

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| USED AT:                    | AUTHOR:<br>PROJECT:  | DATE:<br>REV:                           | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER                           | DATE   | CONTEXT:             |                       |          |
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| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |   |  |                                  |  |                      |                       |          |
| Name                        | Use Definition   | Code                                    | Synonym  | OrgCode                          | OrgName  | TraCode              | TraName               | Model no |
| Production Sequence         | 1. Operational plan for the assembly of details & subassemblies in logical sequence, part by part & step by step.  | A132.102                                |  |                                  |  | A132.211<br>A132.312 | Job Sequence Analysis |          |
| Production Technical Data   | 1. All records relating to the production of any given serial number product. That is the inspection records, the serial numbers of subitems that go into it, material review actions for any item, etc. | A6.401<br>A63.102<br>A63.202<br>A63.302 |  | A631.403<br>A632.403<br>A633.403 | Detail Inspection Reports<br>Subassembly Inspection Reports<br>Major Assembly Inspection Reports | A0.603               | Production Data       |          |

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|   |   |                |         | 1        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                                       |                |                      |         |          |  |         |  |  |  |
|   |   | NOTES:         |         | 1        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                                       |                |                      |         |          |  |         |  |  |  |
| Name  | Use Definition  | Code           | Synonym |          |   |   |   |   |   |   |   |   |    | DocCode                               | DocName        | TrdCode              | TrdName | Model nd |  |         |  |  |  |
| Production Time Estimates                                   | The flow times estimated for performing repetitive production operations involving fabrication, assembly & installation.                                    | A122.1C2       |         |          |   |   |   |   |   |   |   |   |    | A123.101                              | Time Estimates | A122.1C2             |         |          |  |         |  |  |  |
| Production Tooling, Facilities, Equipment & Test Head Dates | The required availability dates to support production.  | A223.301       |         |          |   |   |   |   |   |   |   |   |    |                                       |                | A223.512<br>A223.411 |         |          |  |         |  |  |  |
| Program Cap Budgets   | Measurable elements of program effort budgeted down to the lowest level of the work breakdown structure (WBS) for which cost performance is to be measured. | A23.301        |         |          |   |   |   |   |   |   |   |   |    |                                       |                | A2.301               | Budgets |          |  |         |  |  |  |
| Project Tools Identification                                | Tooling that is unique to the product & is identified as being project owned.   | A143.202       |         |          |   |   |   |   |   |   |   |   |    |                                       |                |                      |         |          |  |         |  |  |  |
| Provide Equipment   | This function level equipment plans (max 1), issues material requisitions (max 2) & after installation,   | A42            |         |          |   |   |   |   |   |   |   |   |    |                                       |                |                      |         |          |  |         |  |  |  |
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|                                   |   |                 |         | 1         | 2       | 3       | 4       | 5        | 6 | 7 | 8 | 9 | 10 | DRAFT   | RECOMMENDED |        |  |      |  |          |  |
|                                   |   |                 |         | NOTES:    |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Name                              | Use Definition  | Code            | Synonym | OraCode   | OrgName | TrqCode | TrqName | Model nd |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Pull List                         | controls (box 3) & maintains the equipment (box 4).   | A62.102         |         |           |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Purchase Order                    | A list of items needed from current inventory to support kits, spare parts, & repair & retrofit kits required for the physical production.  |                 |         |           |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Purchase Order                    | An agreement between the company (or factory & a supplier for the provision of specified materials &/or services by the supplier in return for compensation by the company per mutually agreeable terms & conditions. | E26             |         |           |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Purchase Order Approval           | Reflects approvals which have been effected for a purchase order.   | F191            |         |           |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Purchase Order Approval Authority | Reflects limits of employee authority to approve purchase orders.   | F183            |         |           |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |
| Purchase                          | A change which is   | F24             |         |           |         |         |         |          |   |   |   |   |    |         |             |        |  |      |  |          |  |

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| USED AT:                               | AUTHOR PROJECT:   | DATE REV: | WORKING DRAFT RECOMMENDED PUBLICATION | READER  | DATE    | CONTEXT |         |          |
|--|---|-----------|---------------------------------------|---------|---------|---------|---------|----------|
| NOTES: 1 2 3 4 5 6 7 8 9 10            |   |           |                                       |         |         |         |         |          |
| Name                                   | Use Definition  | Code      | Synonym                               | OrgCode | OrgName | TrqCode | TrqName | Model no |
| Order Change                           | made to a previously issued purchase order.   |           |                                       |         |         |         |         |          |
| Purchase Order Change Approval         | reflects the approvals of purchase order changes which have been effected.  | F199      |                                       |         |         |         |         |          |
| Purchase Order Change Number           | A unique number assigned to each purchase order change.   | F28       |                                       |         |         |         |         |          |
| Purchase Order Date                    | Date that purchase order was created.   | F26       |                                       |         |         |         |         |          |
| Purchase Order Drawing Callout         | A drawing which is specified by a purchase order item.  | F189      |                                       |         |         |         |         |          |
| Purchase Order Item                    | A uniquely identifiable requirement of a purchase order, which defines the specifics of the product or services rendered. | F27       |                                       |         |         |         |         |          |
| Purchase Order Item Change Effectivity | reflects revisions to purchase order items.   | F197      |                                       |         |         |         |         |          |
| Purchase Order Item                    | reflects the traceability of purchase   | F198      |                                       |         |         |         |         |          |

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|         | NOTES: 1 2 3 4 5 6 7 8 9 10 |  |          |  |  |  |  |  |  |  |  |  |  |        |      |         |
|         |                             |  |          |  |  |  |  |  |  |  |  |  |  |        |      |         |

| Name                                 | Use Definition   | Code | Synonym | OrqCode | OrqName | TrqCode | TrqName | Model nd |
|--------------------------------------|--|------|---------|---------|---------|---------|---------|----------|
| Change Traceability                  | requisition item changes to the corresponding purchase order item changes.                                 |      |         |         |         |         |         |          |
| Purchase Order Item Number           | A serialized number of each item on a purchase order.  |      |         |         |         |         |         |          |
| Purchase Order Number                | A unique number assigned to each purchase order.   | F26  |         |         |         |         |         |          |
| Purchase Order Revision Level        | A serially assigned number which is incremented by one each time a revision is made to the purchase order. | F26  |         |         |         |         |         |          |
| Purchase Order Schedule              | (see P.O. Schedule)  |      |         |         |         |         |         |          |
| Purchase Order Specification Callout | A specification which is required by a purchase order item.  | F100 |         |         |         |         |         |          |
| Purchase Order Status                | (see P.O. Status)  |      |         |         |         |         |         |          |
| Purchase Order Type                  | Indicates whether order is for a single shipment, multiple   | F26  |         |         |         |         |         |          |

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| USED AT                             | AUTHOR PROJECT   | DATE REV | DATE    |         |         |   |                              |          |   |   |             |    | READER | DATE | CONTEXT |
|-------------------------------------|--|----------|---------|---------|---------|---|------------------------------|----------|---|---|-------------|----|--------|------|---------|
|                                     |  |          | 1       | 2       | 3       | 4                                       | 5                            | 6        | 7 | 8 | 9           | 10 |        |      |         |
| <p>NOTES: 1 2 3 4 5 6 7 8 9 10</p>  |  |          |         |         |         |   |                              |          |   |   |             |    |        |      |         |
| Name                                | Use Definition   | Code     | Synonym | OrgCode | OrgName | TraCode                                 | TraName                      | Model nd |   |   |             |    |        |      |         |
| Purchase Orders                     | shinments or is a blanket order for a specified period of time.<br>A document for obtain- in items, materials services hardware, etc. from suppliers.    | A52.201  |         |         |         | A52.511<br>A52.3C1<br>A52.4C1<br>A5.203 | Communication With Suppliers |          |   |   |             |    |        |      |         |
| Purchase Request                    | Reflects the existence of requests for the procurement of materials &/or services, each of which is uniquely identifiable & traceable to its originator. | R22      |         |         |         |   |                              |          |   |   |             |    |        |      |         |
| Purchase Request Approval           | Reflects approval(s) of a purchase request which have been effected.   | R171     |         |         |         |   |                              |          |   |   |             |    |        |      |         |
| Purchase Request Approval Authority | Reflects the authorization limits of individual employees for  | R170     |         |         |         |   |                              |          |   |   |             |    |        |      |         |
| Purchase Request Change             | A change which is made to a previously issued purchase   | R24      |         |         |         |   |                              |          |   |   |             |    |        |      |         |
| NOTE                                | TITLE  |          |         |         |         |   |                              |          |   |   | NUMBER: 146 |    |        |      |         |

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|          |                     |               |                             |             |        |      |          |
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| USED AT: | AUTHOR:<br>PROJECT: | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 | WORKING     | READER | DATE | CONTEXT: |
|          |                     |               |                             | DRAFT       |        |      |          |
|          |                     |               |                             | RECOMMENDED |        |      |          |
|          |                     |               |                             | PUBLICATION |        |      |          |

| Name                              | Use Definition   | Code | Synonym | OrgCode | OrgName | TrqCode | TrqName | Model no |
|-----------------------------------|--|------|---------|---------|---------|---------|---------|----------|
| Purchase Request Change Approval  | F Reflects the approval's of purchase request changes which have been effected.  | E194 |         |         |         |         |         |          |
| Purchase Request Change Number    | A A unique number assigned to each purchase request change.  | F24  |         |         |         |         |         |          |
| Purchase Request Item             | E A uniquely identifiable item of a purchase request, which defines the specifics of a material or service which needs to be procured. | E23  |         |         |         |         |         |          |
| Purchase Request Item Effectivity | E Reflects revisions to purchase request items.  | E195 |         |         |         |         |         |          |
| Purchase Request Revision Level   | A A sequentially assigned which is incremented by one each time a revision is made to a purchase requisition.                          | E22  |         |         |         |         |         |          |
| Purchase Requisition              | F A serialized number of each item on a purchase requisition.  | F23  |         |         |         |         |         |          |
| NOTE                              | TITLE:   |      |         |         |         |         | NUMBER: | 147      |

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|  |             |   |           | NOTES: 1 2 3 4 5 6 7 8 9 10 |           |  |           |                               |          |  |  |  |  |               |  |        |  |      |  |         |  |
| Name   | Item Number | Use Definition  | Code      | Synonym                     | OrqCode   | OraName  | TrqCode   | TrqName                       | Model no |  |  |  |  |               |  |        |  |      |  |         |  |
| Purchase Requisition Number                    | 1           | chase requisition.  | E22       |                             | A0.403    | Purchase Requisitions For Production Resources | A521.1C1  | Types Of Items Specific Items |          |  |  |  |  |               |  |        |  |      |  |         |  |
| Purchase Requisitions                          | 1           | Documents which request the purchase of materials, services, hardware, etc. from suppliers.       | A5.2C2    |                             | A51.401   | Purchase Requisitions For Production Materials | A5212.211 | Specific Items                |          |  |  |  |  |               |  |        |  |      |  |         |  |
| (Modified) Purchase Requisitions               | 1           | A Revision to a purchase requisition usually initiated thru supplier/bidder requests for changes. | A5212.302 |                             |           |  | A52.2C1   | Procurement Package           |          |  |  |  |  |               |  |        |  |      |  |         |  |
| Purchase Requisitions For Production Materials | 1           | Documents that request materials needed for production.   | A51.401   |                             |           |  | A5.2C2    | Purchase Requisitions         |          |  |  |  |  |               |  |        |  |      |  |         |  |
| Purchase Requisitions For Production Resources | 1           | Documents that request materials or services used in making of facilities, equipment, or tools.   | A0.403    |                             | A4113.301 | Purchase Requisitions For Facilities           | A5.2C2    | Purchase Requisitions         |          |  |  |  |  |               |  |        |  |      |  |         |  |
|  |             |   |           |                             | A422.101  | Purchase Requisitions For Equipment            |           |                               |          |  |  |  |  |               |  |        |  |      |  |         |  |
|  |             |   |           |                             | A422.201  | Materials Components                           |           |                               |          |  |  |  |  |               |  |        |  |      |  |         |  |

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|          |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |  |               |  |  |  |        |  |      |  |         |  |

| Name                                     | Use Definition   | Code | Synonym | OrqCode | OrqName  | TrqCode | TrqName | Model nd |
|--|--|------|---------|---------|--|---------|---------|----------|
| Purchased Part Conformance Certification | Reflects a conformance certification which is for a purchased part.        | E269 |         | A43.103 | Orders Tool Procurement Specs. Material Needs For Making Tools |         |         |          |
| Purchased Part Drawing Conformance       | Reflects the part drawing which a purchased part conforms to.              | E273 |         |         |  |         |         |          |
| Purchased Part Drawing Non-conformance   | Reflects the part drawing which a purchased part has failed to conform to. | E271 |         |         |  |         |         |          |
| Purchased Part Reflection                | Reflects a supplier delivery reflection which is for a purchased part.     | E269 |         |         |  |         |         |          |
| Purchased Part Specification Conformance | Reflects the part specification which a purchased part conforms to.        | E272 |         |         |  |         |         |          |

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| MODE: | TITLE: | NUMBER: | 149 |
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|  |  |                |         | 1         | 2       | 3       | 4       | 5        | 6 | 7 | 8 | 9 | 10 |                                       |  |           |  |      |  |         |  |  |  |  |  |  |  |  |  |  |
|  |  | NOTES:         |         | 1         | 2       | 3       | 4       | 5        | 6 | 7 | 8 | 9 | 10 |                                       |  |           |  |      |  |         |  |  |  |  |  |  |  |  |  |  |
| Name   | Use Definition   | Code           | Synonym | DrqCode   | DrqName | TrqCode | TrqName | Model no |   |   |   |   |    |                                       |  |           |  |      |  |         |  |  |  |  |  |  |  |  |  |  |
| Purchased Part Specification Non-Conformance | Reflects the part specification which a purchased part has failed to conform to.   | E270           |         |           |         |         |         |          |   |   |   |   |    |                                       |  |           |  |      |  |         |  |  |  |  |  |  |  |  |  |  |
| Purchased Parts                              | 1. Parts that are identified for purchase because of a make/buy decision.  | A1341.102      |         |           |         |         |         |          |   |   |   |   |    |                                       |  | A1341.3C1 |  |      |  |         |  |  |  |  |  |  |  |  |  |  |
| Purchased Parts Cost                         | 1. Parametric estimates of purchased hardware, raw material, sub-assemblies, equipment & labor based on historical data or actual quotes, as required. | A122.301       |         |           |         |         |         |          |   |   |   |   |    |                                       |  | A122.4T1  |  |      |  |         |  |  |  |  |  |  |  |  |  |  |
| NODE:  |  | TITLE:         |         |           |         |         |         |          |   |   |   |   |    | NUMBER:                               |  | 150       |  |      |  |         |  |  |  |  |  |  |  |  |  |  |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |  |        |      |         |

## 2.1.17 QA through Qu

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|          |  |                     |  |                             |  |  |  |  |  |  |  |  |  |  |  |        |  |      |  |          |  |
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| USED AT: |  | AUTHOR:<br>PROJECT: |  | DATE:<br>REV:               |  |  |  |  |  |  |  |  |  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION |  | READER |  | DATE |  | CONTEXT: |  |
|          |  |                     |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |  |  |  |  |  |  |  |  |  |  |  |        |  |      |  |          |  |

| Name               | Use Definition   | Code     | Synonym | DraCode | ProjName                           | TraCode  | TraName                        | Model no |
|--------------------|--|----------|---------|---------|------------------------------------|----------|--------------------------------|----------|
| Q.A. Plan          | The Q.A. Plan establishes the methods & standards for testing & inspecting. It establishes standards for manufacturing materials, related production resources, & the product being manufactured for compliance to contractual specifications. It also includes procedures for documenting inspections, identifying non-conformances, & establishing a usable Q.A. history file. The Q.A. Plan provides for inter-action during the design phase to help prevent non-conformance specifications. | A141.301 |         |         |                                    | A1.402   | Supporting Manufacturing Plans |          |
| Q.A. Requirements  | The methods & standards for quality assurance established by the company, as well as by the contract.  | A1.402   |         | A-1.3C3 | Product Manufacturing Requirements | A141.1C1 |                                |          |
| Q.A. Resource Plan | A plan for obtaining the resources needed for quality assurance.   | A141.201 |         |         |                                    |          |                                |          |
|                    |  |          |         |         |                                    | A141.312 |                                |          |

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| USED AT   | AUTHOR PROJECT  | DATE REV  |         |          |                                  |                        |  |          |   |   |    | READER | DATE | CONTEXT |
|---|---|-----------|---------|----------|----------------------------------|------------------------|--|----------|---|---|----|--------|------|---------|
|   |   | 1         | 2       | 3        | 4                                | 5                      | 6  | 7        | 8 | 9 | 10 |        |      |         |
| NOTES: 1 2 3 4 5 6 7 8 9 10                       |   |           |         |          |                                  |                        |  |          |   |   |    |        |      |         |
| Name  | Use Definition  | Code      | Synonym | OfqCode  | OrgName                          | TrqCode                | TrqName                                      | Model nd |   |   |    |        |      |         |
| Quantity Ordered                                  | A The quantity of the item ordered.   | E27       |         |          |                                  |                        |  |          |   |   |    |        |      |         |
| Quantity Required                                 | A The quantity of the item required.  | E23       |         |          |                                  |                        |  |          |   |   |    |        |      |         |
| Quote Evaluation Data                             | I Data required for an evaluation of a quote or bid.  | A5212.201 |         |          |                                  | A5212.3C1<br>A5212.4C1 |  |          |   |   |    |        |      |         |
| Quotes & "No Quotes" Questions, Answers to Bidder | I A suppliers price, bid or lack of response to a quotation request. Communication between company & potential supplier in defining configuration, specifications, delivery, item price, etc. | A5212.303 |         |          |                                  | A5212.411              |  |          |   |   |    |        |      |         |
| Quotes, Other Vendor Information                  | I Price quotes, along with additional information the bidder considers relative to the quotation being submitted.   | A521.211  |         | A52.101  | Rfq's/Quotes                     | A5212.312              | Quotes, Requests For Information For Changes |          |   |   |    |        |      |         |
| Quotes, Requests For Information                  | I Bidder initiated price quotes & requests for additional information.  | A5212.312 |         | A521.211 | Quotes, other Vendor Information | A5212.312              |  |          |   |   |    |        |      |         |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                |          |                                       |        |      |         |

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| Name    | Use Definition                                       | Code | Synonym | OrgCode | OrgName | TrqCode | TrqName | Model nd |
| Changes | Also that purchase order specifications be modified. |      |         |         |         |         |         |          |

|      |       |                 |
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| NODE | TITLE | NUMBER: 153/154 |
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|                                    |   |                     |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |                                 |                      |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Name                               | Use Definition  | Code                | Synonym | ProjCode                    | OrgName                         | TrdCode              | TrdName | Model nd |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Raw Material Callout               | An occurrence of a specific requirement for raw material; i.e., material in an as purchased condition which requires modification.      | F74                 |         |                             |                                 |                      |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Raw Material Drawing Callout       | A drawing which is specified for a raw material callout.  | E242                |         |                             |                                 |                      |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Raw Material Form                  | The size, shape, & characteristics of the raw or semifinished material as it exists prior to the first fabrication step to be detailed. | A333.202            |         | A3332.301                   | Desired Initial Form, Condition | A3333.111            |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Raw Material Lot Numberment        | A raw material callout E211 which is for a specific part lot.   | E211                |         |                             |                                 |                      |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Raw Material Specification Callout | The raw material specification which applies to the raw material callout for a production order.  | F225                |         |                             |                                 |                      |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Raw Materials & Tools              | The materials & tools used in fabrication of detail parts.  | A631.111            |         | A63.111                     | Kits, Needed Items/Used Tools   | A631.211<br>A631.311 |         |          |  |  |  |  |  |  |  |        |  |      |  |          |  |

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|                           |  |               |                             |                     |                      |                                  |         |          |  |  |  |             |        |      |         |
| Name                      | Use Definition   | Code          | Synonym                     | OrgCode             | OrgName              | TrqCode                          | TrqName | Model no |  |  |  |             |        |      |         |
| Ready Equip-<br>ment      | Equipment that has met all necessary processing & testing requirements & is declared ready for use.            | A47.702       |                             | A422.501            | Tested Equipment     | A423.211<br>A424.111<br>A424.211 |         |          |  |  |  |             |        |      |         |
| Receipt Records           | A file containing documents acknowledging the receipt of delivered items.                                      | A622.402      |                             | A62.4C1             | Transactions         |                                  |         |          |  |  |  |             |        |      |         |
| Received Material         | Material delivered to the company & waiting for receiving inspection acceptance or rejection.                  | A52.402       |                             | A5.311              |                      |                                  |         |          |  |  |  |             |        |      |         |
| Receiving Inspection Plan | A descriptive set of rules making up a policy that tells how the receiving inspection operation will function. | A334.301      |                             | A334.4C1<br>A33.402 | Procured Item Specs. |                                  |         |          |  |  |  |             |        |      |         |
| Receiving Report Number   | A number, serially assigned to each item on a receiving report.  | F139          |                             |                     |                      |                                  |         |          |  |  |  |             |        |      |         |
| Receiving Report Number   | A unique number assigned to a document which records information regarding a vendor delivery.                  | F32           |                             |                     |                      |                                  |         |          |  |  |  |             |        |      |         |
| TITLE:                    |  |               |                             |                     |                      |                                  |         |          |  |  |  | NUMBER: 156 |        |      |         |
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| Name                           | Line Definition  | Code                             | Synonym | OrdCode | OrdName | TrdCode                                      | TrdName                      | Model no |
|--------------------------------|--|----------------------------------|---------|---------|---------|--|------------------------------|----------|
| Receiving Reports              | 1 A status on the materials arriving at the company as to their acceptance or rejection by receiving inspection.                               | A52.401                          |         |         |         | A52.3C2<br>A52.5C1<br>A5.201                 | On Order & Receiving Reports |          |
| Recurring Cost                 | 1 Parametric estimates of fabrication assembly installation other repetitive installation costs based on historical data & complexity factors. | A122.101                         |         |         |         | A122.4I3                                     |                              |          |
| Re-estimate in our Beneficiare | 1 Revisions to conflict in lead times that were identified in the preliminary master schedule & subsequently resolved.                         | A214.201<br>A214.301<br>A214.401 |         |         |         | A211.2C3<br>A211.3C3<br>A211.4C3<br>A211.5C3 |                              |          |
| Reference drawing              | 1 A drawing which is used as a reference by another drawing.   | F134                             |         |         |         |  |                              |          |
| Reference Specification        | 1 An engineering specification referenced by another engineering specification.  | E302                             |         |         |         |  |                              |          |
| Rejected Equipment             | 1 Equipment that cannot be used because it is not up to required specifications: P.O.  | A424.303                         |         |         |         | A424.4C1                                     |                              |          |

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| NOTE: | TITLE: | NUMBER: 157 |
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| USED AT                | AUTHOR PROJECT   | DATE REV                         | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |                                  |                         |          |  |  |  |  | WORKING DRAFT | RECOMMENDED PUBLICATION | READER | DATE | CONTEXT |  |
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|                        |  |                                  |                             |         |         |                                  |                         |          |  |  |  |  |               |                         |        |      |         |  |
| Name                   | Item Definition  | Code                             | Synonym                     | OrgCode | OrgName | TrqCode                          | TrqName                 | Model nd |  |  |  |  |               |                         |        |      |         |  |
| Rejected Materials     | 1. Incoming materials that fail to meet the requested ordering specifications or drawing requirements.   | A5.302                           |                             |         |         | A0.5I1                           | Procureable Items       |          |  |  |  |  |               |                         |        |      |         |  |
| Rejection Reports      | 1. A report listing the rejections or non-conformances resulting from inspection of materials.   | A5.301                           |                             |         |         | A5.1C4                           | Material Status Reports |          |  |  |  |  |               |                         |        |      |         |  |
| Release (Availability) | 1. A notice to the effect that a work station is or is not   | A631.2C1<br>A632.2C1<br>A633.2C1 |                             |         |         | A631.102<br>A632.102<br>A633.102 |                         |          |  |  |  |  |               |                         |        |      |         |  |
| Release Schedule       | 1. A tabulation of planned engineering training & document release dates.  | A242.1C2                         |                             |         |         | A242.2C2                         | Schedules & Budgets     |          |  |  |  |  |               |                         |        |      |         |  |
| Release Status         | 1. A tabulation of known engineering drawings & related documents, showing scheduled & actual in-work & release dates (in intermediate dates, when appropriate). | A242.101                         |                             |         |         | A24.201                          | Status Reports          |          |  |  |  |  |               |                         |        |      |         |  |
| NOTE:                  | TITLE: NUMBER: 158   |                                  |                             |         |         |                                  |                         |          |  |  |  |  |               |                         |        |      |         |  |



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|  |   |                               |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |                        |           |                                  |       |    |  |  |  |  |         |  |      |  |         |  |
| Name   | Use Definition  | Code                          | Synonym | UrgCode                     | OrgName                | TrqCode   | TrqName                          | Model | nd |  |  |  |  |         |  |      |  |         |  |
| Reports<br>(Contracts)                       | Information & data requested by or submitted to the customer or management concerning the product.  | A-1.1C1                       |         |                             |                        | A-2.101   |                                  |       |    |  |  |  |  |         |  |      |  |         |  |
| Reports<br>(Management)                      | Information & data requested by or submitted to management for analyzing product status.  | A-1.2C1<br>A-1.4C1<br>A-0.1C2 |         |                             |                        | A-1.101   |                                  |       |    |  |  |  |  |         |  |      |  |         |  |
| Request for<br>Quotes/<br>Contracts/<br>Bids | A NOTICE to potential contractors requesting their prices to build, modify or install a specified amount of building structure or facility equipment. CONTRACTS are entered between company & selected contractors for a task or service to be completed at a given time for a specified price. | A4112.201                     |         |                             |                        | A4112.201 |                                  |       |    |  |  |  |  |         |  |      |  |         |  |
| Request for<br>Quotes/<br>Quotes             | A solicitation to potential suppliers requesting a price to provide a system, equipment, supplies, or services.   | A52.101                       |         | A521.201                    | Requests<br>For Quotes | A5.203    | Communications<br>With Suppliers |       |    |  |  |  |  |         |  |      |  |         |  |
| NODE:  |   | TITLE:                        |         |                             |                        |           |                                  |       |    |  |  |  |  | NUMBER: |  | 159  |  |         |  |

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8 September 1983

| USED AT:                              |  | AUTHOR:  |         | DATE:                       |         |         |         |          |  |  |  |     |  | READER: |  | DATE:       |  | CONTEXT: |  |
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| PROJECT:                              |  | PROJECT: |         | REV:                        |         |         |         |          |  |  |  |     |  | DRAFT   |  | RECOMMENDED |  |          |  |
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|                                       |  |          |         | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
| Name                                  | Use Definition   | Code     | Synonym | OrgCode                     | OrgName | TrgCode | TrgName | Model no |  |  |  |     |  |         |  |             |  |          |  |
| Requested Carrier                     | A requested or suggested carrier specified by the originator of a purchase request item.   | F176     |         |                             |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
| Requested Carrier Name                | A name of the carrier requested.   | F176     |         |                             |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
| Requested Purchased Part              | Reflects the requirement for a specific part by a purchase request item.   | F175     |         |                             |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
| Requested Purchased Part Traceability | Reflects the traceability of each requested purchased part to its use in a specific purchase order item; this accommodates both the practice of 'Splitting' requisition items & 'Combining' requisition items. | F187     |         |                             |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
| Requested Supplier                    | A requested or suggested supplier specified by the originator of a purchase request item.  | F173     |         |                             |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
| Requested Supplier                    | A name of the requested supplier.  | F173     |         |                             |         |         |         |          |  |  |  |     |  |         |  |             |  |          |  |
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| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |                     |  |               |  |  |  |        |  |      |  |          |  |

| Name                                     | Use Description  | Code                          | Synonym | OrgCode  | OrgName                      | TraCode              | TraName            | Model nd |
|--|--|-------------------------------|---------|----------|------------------------------|----------------------|--------------------|----------|
| Requests For Change In Production        | 1. Includes any problems encountered in manufacturing for which it would be best to change the production instructions, problems in designing or obtaining tools for which a change would help, or problems in the specification of a procured item for which a change is required or desirable. | A63.101<br>A63.201<br>A63.301 |         |          |                              | A3.111               |                    |          |
| Requests For Quotes                      | 1. A request to potential suppliers asking them to submit their prices for materials or services.  | A5212.202                     |         |          |                              | A5212.311<br>A52.101 | Rfq's/Quotes       |          |
| Requests for Schedule & Budget Changes   | 1. Is a result of schedule & cost evaluations, requests to modify schedules &/or budgets are made.   | A24.302                       |         | A243.202 | Need To Reschedule, Rebudget | A2.401               | Need For Revisions |          |
| Requirements for Customer Equipment Type | 1. In equipment callout for a customer owned equipment type.   | F280                          |         |          |                              |                      |                    |          |

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| NOTES:   |  | 1                | 2       | 3       | 4       | 5        | 6       | 7        | 8  | 9   | 10 |  |  |             |  |         |  |       |  |          |  |
| Name   | Use Definition   | Code             | Synonym | OrgCode | OrgName | TrqCode  | TrqName | Model no |  |   |    |  |  |             |  |         |  |       |  |          |  |
| Requirement 1<br>For customer<br>Tool type       | Reflects a tool call-<br>out which is for a<br>customer owned tool<br>type.  | F286             |         |         |         |          |         |          |  |   |    |  |  |             |  |         |  |       |  |          |  |
| Requirement 1<br>For Direct<br>Equipment<br>Type | Reflects an equipment<br>callout which is for<br>an equipment type<br>owned by the factory.  | E282             |         |         |         |          |         |          |  |   |    |  |  |             |  |         |  |       |  |          |  |
| Requirement 1<br>For Direct<br>Tool type         | A tool callout which<br>is for a tool type<br>owned by the factory.  | F288             |         |         |         |          |         |          |  |   |    |  |  |             |  |         |  |       |  |          |  |
| Requirement 1<br>At level<br>Breakback<br>Level  | The material require-<br>ments needed for next<br>for release.   | A611.201         |         |         |         | A611.1C3 |         |          |  |   |    |  |  |             |  |         |  |       |  |          |  |
| Requirement 1<br>Date                            | Date that purchase<br>request was initiated.   | E22              |         |         |         |          |         |          |  |   |    |  |  |             |  |         |  |       |  |          |  |
| Resource<br>Character-<br>istics                 | The characteristics &<br>capabilities of the<br>facilities, equipment,<br>tools, & people which<br>are available, either<br>normally available or<br>specially obtained<br>for this product. | A4.201<br>A4.301 |         |         |         |          |         |          | Equipment<br>Character-<br>istics<br>Tool Charac-<br>teristics | A32.2C3<br>A331.2C5<br>A331.3C5<br>A332.2C5<br>A332.3C5 |    | Available<br>Equipment<br>& Tools<br>Tool &<br>Equipment<br>Character-<br>istics<br>Available<br>Equipment<br>& Tools<br>Tool &<br>Equipment |  |             |  |         |  |       |  |          |  |
| TITLE:   |  | NUMBER:          |         |         |         |          |         |          |  |   |    | 162  |  |             |  |         |  |       |  |          |  |

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| USED AT  | AUTHOR:<br>PROJECT:   | DATE:<br>REV:                         | WORKING |             | READER                    | DATE                 | CONTEXT                                    |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
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|  |   |                                       | DRAFT   | RECOMMENDED |                           |                      |  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10  |   |                                       |         |             |                           |                      |  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Use Definition</th> <th>Code</th> <th>Synonym</th> <th>OrgCode</th> <th>OrgName</th> <th>TraCode</th> <th>TraName</th> <th>Model no</th> </tr> </thead> <tbody> <tr> <td>Resource<br/>Conflicts<br/>Responsi-<br/>bilities</td> <td>1 Identified discrep-<br/>ancies between tooling<br/>&amp; planning staff<br/>dates lead times, &amp;<br/>manufacturing need<br/>dates, &amp; organiza-<br/>tion(s) responsible<br/>for resolution.</td> <td>A213.301</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Resource<br/>Plans</td> <td>1 A plan which iden-<br/>tifies major types of<br/>manufacturing re-<br/>sources required to<br/>manufacture the pro-<br/>duct &amp; the method by<br/>which those resources<br/>may be obtained. These<br/>include plans for</td> <td>A0.4C3<br/>A12.101<br/>A1.3C1<br/>A1.4C1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>A121.101</td> <td></td> <td></td> <td>Facility<br/>Resource Plan</td> <td>A131.1C1</td> <td>Character-<br/>istics</td> <td></td> </tr> <tr> <td></td> <td></td> <td>A121.201</td> <td></td> <td></td> <td>Equipment<br/>Plan</td> <td>A131.3C1</td> <td>Equipment<br/>Locations</td> <td></td> </tr> <tr> <td></td> <td></td> <td>A121.301</td> <td></td> <td></td> <td>Tool Plan</td> <td>A131.4C2</td> <td>Available<br/>Equipment</td> <td></td> </tr> <tr> <td></td> <td></td> <td>A121.401</td> <td></td> <td></td> <td>Personnel<br/>Plan</td> <td>A132.2C2</td> <td>Equipment<br/>&amp; Tools</td> <td></td> </tr> <tr> <td></td> <td></td> <td>A0.101</td> <td></td> <td></td> <td>Manufacturing<br/>Plan</td> <td>A132.3C1<br/>A133.2C1</td> <td>Tool &amp;<br/>Equipment</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Character-<br/>istics</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Equipment</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Locations</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Available<br/>Equipment</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Equipment<br/>&amp; Tools</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Tool &amp;<br/>Equipment</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Character-<br/>istics</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Equipment</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Locations</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Manufacturing<br/>Capability<br/>Information</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Schedule<br/>Conflicts</td> <td></td> </tr> </tbody> </table> |   |                                       |         |             |                           |                      |  | Name     | Use Definition | Code | Synonym | OrgCode | OrgName | TraCode | TraName | Model no | Resource<br>Conflicts<br>Responsi-<br>bilities | 1 Identified discrep-<br>ancies between tooling<br>& planning staff<br>dates lead times, &<br>manufacturing need<br>dates, & organiza-<br>tion(s) responsible<br>for resolution. | A213.301 |  |  |  |  |  |  | Resource<br>Plans | 1 A plan which iden-<br>tifies major types of<br>manufacturing re-<br>sources required to<br>manufacture the pro-<br>duct & the method by<br>which those resources<br>may be obtained. These<br>include plans for | A0.4C3<br>A12.101<br>A1.3C1<br>A1.4C1 |  |  |  |  |  |  |  |  | A121.101 |  |  | Facility<br>Resource Plan | A131.1C1 | Character-<br>istics |  |  |  | A121.201 |  |  | Equipment<br>Plan | A131.3C1 | Equipment<br>Locations |  |  |  | A121.301 |  |  | Tool Plan | A131.4C2 | Available<br>Equipment |  |  |  | A121.401 |  |  | Personnel<br>Plan | A132.2C2 | Equipment<br>& Tools |  |  |  | A0.101 |  |  | Manufacturing<br>Plan | A132.3C1<br>A133.2C1 | Tool &<br>Equipment |  |  |  |  |  |  |  |  | Character-<br>istics |  |  |  |  |  |  |  |  | Equipment |  |  |  |  |  |  |  |  | Locations |  |  |  |  |  |  |  |  | Available<br>Equipment |  |  |  |  |  |  |  |  | Equipment<br>& Tools |  |  |  |  |  |  |  |  | Tool &<br>Equipment |  |  |  |  |  |  |  |  | Character-<br>istics |  |  |  |  |  |  |  |  | Equipment |  |  |  |  |  |  |  |  | Locations |  |  |  |  |  |  |  |  | Manufacturing<br>Capability<br>Information |  |  |  |  |  |  |  |  | Schedule<br>Conflicts |  |
| Name   | Use Definition  | Code                                  | Synonym | OrgCode     | OrgName                   | TraCode              | TraName                                    | Model no |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
| Resource<br>Conflicts<br>Responsi-<br>bilities   | 1 Identified discrep-<br>ancies between tooling<br>& planning staff<br>dates lead times, &<br>manufacturing need<br>dates, & organiza-<br>tion(s) responsible<br>for resolution.                                  | A213.301                              |         |             |                           |                      |  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
| Resource<br>Plans  | 1 A plan which iden-<br>tifies major types of<br>manufacturing re-<br>sources required to<br>manufacture the pro-<br>duct & the method by<br>which those resources<br>may be obtained. These<br>include plans for | A0.4C3<br>A12.101<br>A1.3C1<br>A1.4C1 |         |             |                           |                      |  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   | A121.101                              |         |             | Facility<br>Resource Plan | A131.1C1             | Character-<br>istics                       |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   | A121.201                              |         |             | Equipment<br>Plan         | A131.3C1             | Equipment<br>Locations                     |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   | A121.301                              |         |             | Tool Plan                 | A131.4C2             | Available<br>Equipment                     |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   | A121.401                              |         |             | Personnel<br>Plan         | A132.2C2             | Equipment<br>& Tools                       |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   | A0.101                                |         |             | Manufacturing<br>Plan     | A132.3C1<br>A133.2C1 | Tool &<br>Equipment                        |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Character-<br>istics                       |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Equipment                                  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Locations                                  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Available<br>Equipment                     |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Equipment<br>& Tools                       |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Tool &<br>Equipment                        |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Character-<br>istics                       |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Equipment                                  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Locations                                  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Manufacturing<br>Capability<br>Information |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
|  |   |                                       |         |             |                           |                      | Schedule<br>Conflicts                      |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |
| NODE:  |   | TITLE:                                |         | NUMBER:     |                           | 163                  |  |          |                |      |         |         |         |         |         |          |  |  |          |  |  |  |  |  |  |                   |   |                                       |  |  |  |  |  |  |  |  |          |  |  |                           |          |                      |  |  |  |          |  |  |                   |          |                        |  |  |  |          |  |  |           |          |                        |  |  |  |          |  |  |                   |          |                      |  |  |  |        |  |  |                       |                      |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |

| USED AT               |                                      | AUTHOR:<br>PROJECT          |         | DATE:<br>REV: |                                       | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION   |  | READER   |  | DATE |  | CONTEXT |  |
|-----------------------|--------------------------------------|-----------------------------|---------|---------------|---------------------------------------|--|--|----------|--|------|--|---------|--|
|                       |                                      | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |               |                                       |  |  |          |  |      |  |         |  |
| Name                  | use definition                       | Code                        | Synonym | OrgCode       | OrgName                               | TrqCode  | TrqName  | Model no |  |      |  |         |  |
|                       | equipment, tools & manpower.         |                             |         | A1.201        | Resource Plans, Time & Cost Estimates | A133.3C4<br>A134.3C2<br>A141.1C2<br>A141.2C2<br>A141.3C1<br>A142.1C1<br>A142.3C1   | Facilities, Equipment Etc.   |          |  |      |  |         |  |
|                       |                                      |                             |         |               |                                       | A142.4C1<br>A143.1C1<br>A143.5C1<br>A144.1C2<br>A144.5C2<br>A145.1C1<br>A145.4C1<br>A122.1T2<br>A122.2T2<br>A122.3T2<br>A123.2C2<br>A211.3C2<br>A1.201 | Resource Plans, Time & Cost Estimates Facilities Plan Equipment Plan Tool Plan Manpower Plan |          |  |      |  |         |  |
| Resource Requirements | All those things which are necessary | A12.1C1                     |         | A-1.3C3       | Product Manufacturing                 | A121.1C1<br>A121.2C2   |  |          |  |      |  |         |  |

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| NODE | TITLE | NUMBER | 164 |
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| USED AT                      | AUTHOR:<br>PROJECT:  | DATE:<br>REV: | WORKING |                            | READER                 | DATE                 | CONTEXT:     |          |
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|                              |  |               | DRAFT   | RECOMMENDED<br>PUBLICATION |                        |                      |              |          |
| NOTES: 1 2 3 4 5 6 7 8 9 10  |  |               |         |                            |                        |                      |              |          |
| Name                         | Use Definition   | Code          | Synonym | GrqCode                    | GrqName                | TrqCode              | TrqName      | Model no |
| Resources                    | 1 All of those things which are available to be used in satisfying the need for example, money, people material equipment, technology, & knowledge. In short, anything that is available to be used. | A-3.111       |         |                            | Requirements           | A121.3C3<br>A121.4C4 |              |          |
| Resultant<br>For "C"<br>Part | 1 The finished part as shown & described on the engineering drawing.   | A3333.112     |         |                            |                        |                      |              |          |
| Results                      | 1 A transformation of resources into a product that satisfies the customers specifications.  | A-3.101       |         | A-2.302                    | Results<br>(needs met) | A-3.101              |              |          |
| Results<br>(Needs met)       | 1 A delivered product that satisfies the contractual objectives & assignments established by the customer.   | A-2.302       |         |                            |                        | A-3.101              | Results      |          |
| Retrospect,<br>Rebuttal      | 1 Instructions for using, maintaining,   | A-1.402       |         |                            |                        | A-2.201              | Instructions |          |
| NOTE:                        | TITLE:   |               | NUMBER: |                            | 165                    |                      |              |          |

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|                             |                     |  |               |  |                            |  |        |      |          |  |
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| USED AT:                    | AUTHOR:<br>PROJECT: |  | DATE:<br>REV. |  | WORKING<br>DRAFT           |  | READER | DATE | CONTEXT: |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |  |               |  | RECOMMENDED<br>PUBLICATION |  |        |      |          |  |

| Name                   | Use Definition  | Code | Synonym | OrgCode | OrgName | TroCode | TroName | Model no |
|------------------------|---|------|---------|---------|---------|---------|---------|----------|
| Routing<br>Callout     | Instructions.<br>The specification of a F220<br>planned routing for<br>use by a specific<br>production order.   |      |         |         |         |         |         |          |
| Routing<br>Item        | A uniquely identified<br>single step in a spe-<br>cific series making up<br>a planned routing,<br>each of these steps<br>representing a single<br>manufacturing task. | F131 |         |         |         |         |         |          |
| Routing<br>Item number | A serially assigned<br>number to each item of<br>a standard routing.  | F131 |         |         |         |         |         |          |

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| NODE | TITLE: | NUMBER: 166 |
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ST252

FTR110410000U  
8 September 1983

| USED AT:      |  | AUTHOR:<br>PROJECT:                          |         | DATE:<br>REV:   |   |  |  |          |  |  |  |  |  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION |  | READER |  | DATE |  | CONTEXT: |  |
|---------------|--|--|---------|---|---|--|--|----------|--|--|--|--|--|--|--|--------|--|------|--|----------|--|
|               |  |  |         | NOTES: 1 2 3 4 5 6 7 8 9 10   |   |  |  |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Name          | Use Definition   | Code   | Synonym | OrqCode   | OrqName   | TrqCode  | TrqName  | Model nd |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Rework Orders | 1 A manufacturing order specifying instructions for the repair of a previously rejected part.                  | A631.112<br>A631.5C2<br>A632.112<br>A633.112 |         | A631.103<br>A631.404<br>A631.503<br>A6.102<br>A633.404<br>A632.404<br>A633.503<br>A632.503<br>A633.303<br>A632.303<br>A63.3C1 | Processed Part<br>Inspected parts<br>Parts For Rework<br>Work Packages, Priorities/<br>Tracking<br>Information<br>Acceptable, Incomplete<br>Assemblies<br>Acceptable, Incomplete<br>Assemblies<br>For Rework<br>Assemblies<br>For Rework<br>Processed Item<br>Processed Assembly<br>Line Assembly<br>Instructions | A631.112<br>A633.5C2<br>A632.5C2<br>A631.5C2<br>A632.112<br>A633.112 |  |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| Routine       | 1 The movement of a part through a planned sequence of manufacturing operations as specified by the production | A332.401<br>A333.501                         |         |   |   | A332.5C1<br>A33.202<br>A333.6C1<br>A33.301                           | Production Instructions<br>Production Instructions |          |  |  |  |  |  |  |  |        |  |      |  |          |  |
| MODE:         | TITLE:   | NUMBER: 167                                  |         |   |   |  |  |          |  |  |  |  |  |  |  |        |  |      |  |          |  |

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| USED AT:                                 | AUTHOR:<br>PROJECT:   | DATE:<br>REV: |         |         |                       |          |         |          |   |   |    | READER | DATE | CONTEXT |  |
|--|---|---------------|---------|---------|-----------------------|----------|---------|----------|---|---|----|--------|------|---------|--|
|  |   | 1             | 2       | 3       | 4                     | 5        | 6       | 7        | 8 | 9 | 10 |        |      |         |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10              |   |               |         |         |                       |          |         |          |   |   |    |        |      |         |  |
| Name                                     | Item Definition   | Code          | Synonym | OrgCode | OrgName               | TrqCode  | TrqName | Model no |   |   |    |        |      |         |  |
| Operating<br>Maintenance<br>Instructions | rewriting, modifying<br>or rebuilding the<br>product.   |               |         |         |                       |          |         |          |   |   |    |        |      |         |  |
| Return<br>Order<br>Number                | A unique number<br>assigned to each<br>authorization for the<br>return of rejected<br>items the originating<br>supplier.  | F113          |         |         |                       |          |         |          |   |   |    |        |      |         |  |
| Revised<br>Order<br>Release<br>Dates     | Order release whose<br>date has been revised<br>or realigned to sup-<br>port the actual shop<br>load conditions.  | A612.301      |         |         |                       | A612.1C2 |         |          |   |   |    |        |      |         |  |
| Revised<br>Plans                         | A change within the<br>manufacturing plan<br>that reflects a revi-<br>sion to one or more of<br>its parts.  | A21.1C3       |         | AD.101  | Manufacturing<br>plan | A214.1C2 |         |          |   |   |    |        |      |         |  |
| Rework<br>Order                          | An order which is<br>issued when a review<br>of an "unacceptable"<br>part indicates that<br>its defect is of the<br>nature that it may be<br>corrected by addi-<br>tional work. | F19           |         |         |                       |          |         |          |   |   |    |        |      |         |  |
| Rework<br>Order<br>Number                | A unique number<br>assigned to each re-<br>work order.  | F19           |         |         |                       |          |         |          |   |   |    |        |      |         |  |

**MODE:**  
**TITLE:**

**NUMBER:** 168

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| USED AT:                    | AUTHOR:<br>PROJECT: | DATE:<br>REV: | DATE:<br>REV: | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE | CONTEXT: |
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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |               |  |        |      |          |

## 2.1.19 SBF through Sy

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| USED AT:                    |  | AUTHOR: |  | PROJECT: |  | DATE: |  | REV: |  | WORKING     |  | READER |  | DATE |  | CONTEXT: |  |
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|                             |  |         |  |          |  |       |  |      |  | RECOMMENDED |  |        |  |      |  |          |  |
|                             |  |         |  |          |  |       |  |      |  | PUBLICATION |  |        |  |      |  |          |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |         |  |          |  |       |  |      |  |             |  |        |  |      |  |          |  |

| Name   | Use Definition   | Code     | Synonym | OrdCode | OrdName | TrqCode | TrqName | TrqCode  | TrqName |
|--|--|----------|---------|---------|---------|---------|---------|----------|---------|
| SRF/AO,<br>SPS/AO,<br>SBR/AO,<br>SHF/AO,<br>SSH/AO | L Abbreviated descriptions for the type of setup take down operation being assigned to a subsystem.<br>SRF/AO (brake form)<br>SPS/AO (Pin shaper)<br>SBR/AO (broken arm router)<br>SHF/AO (Hydropress)<br>SSH/AO (shear process) | A631.2M1 |         |         |         |         |         | A631.2M1 |         |
| Sales Order  | E Confirmation from the company that work specified by the customer been authorized by the company in consideration of the terms & conditions mutually agreed to with the customer.  | E2       |         |         |         |         |         |          |         |
| Sales Order Item                                   | E An identifiable element of a sales order, normally used to confirm such things as specific contractual terms & conditions of sale, products &/or services ordered, delivery schedules, etc.                                    | F132     |         |         |         |         |         |          |         |
| Sales Order  | E Reflects the reference   | E304     |         |         |         |         |         |          |         |

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| MODE: | TITLE: | NUMBER: | 169 |
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| USED AT:                   | AUTHOR:<br>PROJECT:   | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |          |  |                      |  |      |  |  |  |  | CONTEXT: |
|----------------------------|---|---------------|-----------------------------|----------|--|----------------------|--|------|--|--|--|--|----------|
|                            |   |               | WORKING                     |          |  | READER               |  | DATE |  |  |  |  |          |
|                            |   |               | DRAFT                       |          |  |                      |  |      |  |  |  |  |          |
|                            |   |               | RECOMMENDED                 |          |  |                      |  |      |  |  |  |  |          |
|                            |   |               | PUBLICATION                 |          |  |                      |  |      |  |  |  |  |          |
| Name                       | Use Definition  | Code          | Synonym                     | OrgCode  | OrgName  | TroCode              | TroName  | Code |  |  |  |  |          |
| Item/<br>Contract<br>Item  | ending of a contract<br>item by a sales order<br>item.  |               |                             |          |  |                      |  |      |  |  |  |  |          |
| Sales Order<br>Item Number | A A unique number<br>assigned to each sales<br>order item.  | F132          |                             |          |  |                      |  |      |  |  |  |  |          |
| Sales Order<br>Number      | A A unique number<br>assigned to each sales<br>order.   | F2            |                             |          |  |                      |  |      |  |  |  |  |          |
| Schedule<br>Conflicts      | L Inconsistencies or<br>disagreements center-<br>ing around the<br>timing, sequencing &<br>scheduling assigned<br>to related parts. | A21.301       |                             | A213.201 | Contractual<br>Conflicts &<br>Responsi-<br>bilities<br>Resource<br>Conflicts &<br>Responsi-<br>bilities<br>Procurement<br>Conflicts &<br>Responsi-<br>bilities | A214.112<br>A214.211 | Contractual<br>Conflicts &<br>Responsi-<br>bilities<br>Resource<br>Conflicts &<br>Responsi-<br>bilities<br>Procurement<br>Conflicts &<br>Responsi-<br>bilities |      |  |  |  |  |          |
| Schedule &<br>Cost Actuals | L A record of actual<br>cost incurred &<br>schedule progress<br>over a specified<br>period for a specific<br>task.                  | A2.411        |                             | A02.02   | Schedule,<br>Budgets/<br>Status,<br>Costs  | A242.111<br>A242.211 | End. Release<br>Activity<br>Purchase<br>Order<br>Activity<br>Manufacturing<br>Order<br>Activity<br>Cost &  |      |  |  |  |  |          |
|                            |   |               |                             |          |  | A242.311<br>A242.411 |  |      |  |  |  |  |          |
| NODE:                      | TITLE:  | NUMBER: 170   |                             |          |  |                      |  |      |  |  |  |  |          |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |         |             |        |      |          |

| Name                           | Use Definition  | Code               | Synonym | OrgCode           | OrgName   | TrqCode  | TrqName  | Model no |
|--------------------------------|---|--------------------|---------|-------------------|---|--|--|----------|
| Schedule<br>Impact<br>Analysis | L Assessment of pre-<br>dicted risk factors<br>based on cost/<br>schedule performance,<br>effect on down-<br>stream production,<br>tradeoffs & analysis<br>of possible penalties<br>(i.e., loss of award<br>fee, incentive<br>effects, etc.).   | A214.101           |         |                   |   | A214.2C1<br>A214.3C1<br>A214.4C1                         | Expenditures   |          |
| Schedules                      | L The Inwork & com-<br>pletion dates placed<br>on production orders<br>to show the manufac-<br>turing time period.  | A24.1C1<br>A61.1C1 |         | A24.1C1<br>A2.202 | Schedules<br>& Budgets<br>Schedules,<br>Budgets | A741.1C1<br>A611.1C2<br>A611.4C3                         | States Items   |          |
| Schedules,<br>Budgets          | L The time phasing of<br>production plans,<br>resinices, materials<br>& product production.<br>Also, the funding<br>allocations assigned<br>to each of these work<br>packages is referred<br>to as <i>budget</i> .<br>THE BUDGET for each<br>work package (or task)<br>is based on the cost<br>& resource estimates<br>to accomplish the<br>work, together with | A0.202             |         | A2.201<br>A2.301  | Coordinating<br>Schedules<br>Budgets            | A421.1C1<br>A421.2C1<br>A421.3C2<br>A421.4C1<br>A421.5C2 | Schedules,<br>Work Orders/<br>Status<br>Schedules,<br>Work Orders/<br>Status<br>Schedules,<br>Work Orders/<br>Status<br>Schedules,<br>Work Orders/<br>Status<br>Schedules,<br>Work Orders/<br>Status |          |

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| USED AT | AUTHOR:<br>PROJECT: | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |           |                                      |  |  |  |         |  | WORKING |             | READER | DATE | CONTEXT |
|         |                     |               |                             |         |         |           |                                      |  |  |  |         |  | DRAFT   | RECOMMENDED |        |      |         |
| Name    | Use Definition      | Code          | Synonym                     | OrgCode | OrgName | TraCode   | TraName                              |  |  |  |         |  |         |             |        |      |         |
|         | the task schedule.  |               |                             |         |         | A421.6C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A422.1C1  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A422.2C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A422.3C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A422.4C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | AA422.5C2 | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A423.1C1  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | AA423.2C2 | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A423.3C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A424.1C1  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A424.2C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
|         |                     |               |                             |         |         | A424.3C2  | Schedules,<br>work orders/<br>Status |  |  |  |         |  |         |             |        |      |         |
| NOTE:   | TITLE:              |               |                             |         |         |           |                                      |  |  |  | NUMBER: |  | 172     |             |        |      |         |

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|         |                     |               |                             | DRAFT       |        |      |         |
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|         |                     |               |                             | PUBLICATION |        |      |         |

| Name                      | Use Definition  | Code     | Synonym | OrgCode | Urghame | TraCode              | TraName   | Code] n4 |  |
|---------------------------|---|----------|---------|---------|---------|----------------------|---|----------|--|
| Scheduling<br>Methodology | 1. Various approaches to systematically displaying the task schedule. Each company developed systems, involving their standards for span times, sequencing logic, constraint, coordination, approval & release. | A211.2C4 |         |         |         | A424.4C2             | Status<br>Schedules,<br>work Orders/<br>Status    |          |  |
|                           |   | A211.3C4 |         |         |         | A43.1C1              | Status<br>work Orders/<br>Status                  |          |  |
|                           |   | A211.4C4 |         |         |         | A5.1C2               | Material Parts<br>Schedule<br>& Budget/<br>Status |          |  |
|                           |   | A211.5C4 |         |         |         | A4.1C1               | Schedules,<br>work Orders/<br>Status              |          |  |
|                           |   | A212.1C2 |         |         |         | A6.5C1               | Package<br>Schedule                               |          |  |
|                           |   | A212.2C1 |         |         |         | A3.1C1<br>A4.4C1     | Schedules,<br>work Orders/<br>Status              |          |  |
|                           |   | A212.3C1 |         |         |         | A611.1C2<br>A612.2C1 | Schedules<br>Budgetary<br>Capacity                |          |  |
|                           |   | A213.1C1 |         |         |         |                      |   |          |  |
|                           |   | A213.2C2 |         |         |         |                      |   |          |  |
|                           |   | A213.3C2 |         |         |         |                      |   |          |  |
|                           |   | A213.4C2 |         |         |         |                      |   |          |  |
|                           |   |          |         |         |         |                      |   |          |  |
|                           |   |          |         |         |         |                      |   |          |  |
|                           |   |          |         |         |         |                      |   |          |  |
|                           |   |          |         |         |         |                      |   |          |  |
| NODE:                     | TITLE:  |          |         |         |         | NUMBER: 173          |   |          |  |



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| USED AT:                                      | AUTHOR:<br>PROJECT:   | DATE:<br>REV: |   |   |   |   |   |   |   |   |                                  | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER  | DATE    | CONTEXT: |   |
|---|---|---------------|---|---|---|---|---|---|---|---|----------------------------------|--|---------|---------|----------|---|
|   |   | NOTES: 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                               |  |         |         |          |   |
| Name  | Use Definition  |               |   |   |   |   |   |   |   |   | Code                             | Synonym  | NroCode | OrgName | TraCode  | TraName   |
| Scrap Order L                                 | A reflected part that does not meet specifications & is not suitable for rework or use.   |               |   |   |   |   |   |   |   |   | A631.502<br>A632.502<br>A633.502 |  |         |         |          |   |
| Scrap Order E                                 | An order which is issued when a review of an unacceptable part determines that its defect is not correctable within engineering specifications or cost constraints, & the part may not be returned to the supplier. |               |   |   |   |   |   |   |   |   | E20                              |  |         |         |          |   |
| Scrap Order A                                 | A unique number assigned to each scrap order.   |               |   |   |   |   |   |   |   |   | E20                              |  |         |         |          |   |
| Selected Source I.                            | The final choice of a supplier or vendor.   |               |   |   |   |   |   |   |   |   | A521.301                         |  |         |         | A57.104  | Procurement Package   |
| Selected Tentative Structure & Method Of Mfg. | The breakdown of the product & the general concept of combining manufacturing resources to manufacture that product are postulated to best meet the product manufacturing requirements.                             |               |   |   |   |   |   |   |   |   | A1.102                           |  |         |         | A131.111 | Tentative & Selected Structure & Method of Manufacturing Tentative & Selected Structure & Method of |
|   |   |               |   |   |   |   |   |   |   |   | A111.401<br>A112.401<br>A113.401 |  |         |         |          |   |

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|          |                     |               |                             | DRAFT       |        |      |          |
|          |                     |               |                             | RECOMMENDED |        |      |          |
|          |                     |               |                             | PUBLICATION |        |      |          |

| Name                                      | Use Definition  | Code | Synonym | DrqCode  | DrqName  | TrqCode  | TrqName   | TrqRef |
|---|---|------|---------|----------|--|----------|---|--------|
| Serial Number                             | A A unique number assigned to each serialized part instance.                    | E147 |         | A114.401 | Method (Station Plan)<br>Assembly Station Plan | A131.313 | Manufacturing Tentative & Selected Structure & Method of Manufacturing Tentative & Selected Structure & Method of Manufacturing |        |
| Serialized Component Part Requirement     | E Reflects a component part callout which specifies a serialized part instance. | E233 |         |          |  | A131.412 | Manufacturing Tentative & Selected Structure & Method of Manufacturing  |        |
| Serialized Part Conformance Certification | E A part conformance certification for a serialized part instance.              | E213 |         |          |  | A131.512 | Manufacturing Tentative & Selected Structure & Method of Manufacturing  |        |
| Serialized Part End                       | E Indicates the use of a serialized part  | E297 |         |          |  |          |   |        |

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| USED AT:                    |  | AUTHOR:<br>PROJECT: |  | DATE:<br>REV: |  | WORKING<br>DRAFT           |  | READER |  | DATE |  | CONTEXT: |  |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |                     |  |               |  | RECOMMENDED<br>PUBLICATION |  |        |  |      |  |          |  |

| Name                                | Use Definition  | Code     | Synonym | DrqCode | UrqlName | TraCode  | TraName | Code |
|-------------------------------------|---|----------|---------|---------|----------|----------|---------|------|
| Use                                 | Instance as an end item.  |          |         |         |          |          |         |      |
| Serialized Part Instance            | E An instance of a part that is uniquely identifiable from other instances of the same part by a serial number.   | F147     |         |         |          |          |         |      |
| Serialized Part Source Lot          | E Reflects the part lot which is the source of a specific serialized part instance.   | E222     |         |         |          |          |         |      |
| Serialized Part Stock Location      | E The use of a stock location to store a specific serialized part instance.   | E228     |         |         |          |          |         |      |
| Serialized Raw Material Requirement | E A raw material callout which is for serialized instance of raw material.  | F209     |         |         |          |          |         |      |
| Setback                             | L "ITEM & INDENTURE" assignment for each item showing its relation to an "end item". It identifies for any item the major item into which it goes & the indenture level at which it is needed. SETBACK helps to | A221.201 |         |         |          | A221.3C1 |         |      |

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| USED AT.                    | AUTHOR:     |  |  |  |  |  |  |  |  |  | DATE: | WORKING | READER | DATE | CONTEXT |
|                             | PROJECT:    |  |  |  |  |  |  |  |  |  |       |         |        |      |         |
|                             |             |  |  |  |  |  |  |  |  |  |       |         |        |      |         |
|                             | RECOMMENDED |  |  |  |  |  |  |  |  |  |       |         |        |      |         |
|                             | PUBLICATION |  |  |  |  |  |  |  |  |  |       |         |        |      |         |
| NOTES: 1 2 3 4 5 6 7 8 9 10 |             |  |  |  |  |  |  |  |  |  |       |         |        |      |         |

| Name              | Use Definition  | Code     | Synonym | UrqCode                             | OrqName  | TroCode  | TroName  |
|-------------------|---|----------|---------|-------------------------------------|--|--|--|
|                   | establish the estimated production start date based upon the estimated times to complete each item in the WAS.  |          |         |                                     |  |  |  |
| Setback Schedule  | L Item flow times applied to setback relationships.   | A221.301 |         |                                     |  | A22.101<br>A221.4C1  | Setbacks & Times   |
| Setbacks & Times  | L The identification of an indenture level for each item showing its relationship to the end item along with pre-established flow times for its fabrication, assembly, movement, etc. | A22.101  |         | A221.301                            | Setback Schedule                                       | A222.1C1<br>A222.2C1<br><br>A222.3C2<br><br>A223.1C2<br>A223.2C2<br>A223.3C2<br>A223.4C1<br>A223.5C1 | Support Items<br>Setbacks & Times<br>Manufacturing<br>Setbacks & Times |
| Setup Information | L The relationship of the piece part, the tools that interact with it & the machine or equipment which all act together to perform a specified operation.                             | A334.301 |         | A3343.101<br>A3343.201<br>A3343.301 | Item Setup<br>Tool Setup<br>Machine Setup, e.g., Feeds | A334.4C1<br>A334.5C2<br>A334.003   | Instructions   |
| Setup             | L A list of specific  | A631.2C2 |         | A6.102                              | Work Packages, A631.2C1                                |  |  |

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INTEGRATED COMPUTER-AIDED MANUFACTURING (ICAM)  
ARCHITECTURE PART 3 VOLUME. (U) SOFTECH INC WALTHAM MA  
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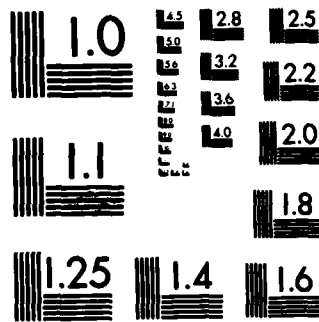
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

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| Name             | Use Definition  | Code                             | Synonym | OrnCode  | OrnName                                | TrqCode                          | TrqName                               | Index no |
|------------------|---|----------------------------------|---------|----------|--|----------------------------------|---------------------------------------|----------|
| Instructions     | Instructional steps for the setup of machines, tools, or equipment that will be used to fabricate or assemble a part.       | A632.2C2<br>A633.2C2             |         |          | Priorities/<br>Tracking<br>Information | A632.2C2<br>A633.2C2             |                                       |          |
| Setup Item       | L An item that has been placed &/or held in a position for a specific fabrication or assembly effort.                       | A631.203<br>A632.202<br>A633.202 |         | A631.2I1 | Raw Materials<br>& Tools               | A631.3I1<br>A632.3I1<br>A633.3I1 |                                       |          |
| Setup Problems   | L Difficulties resulting from performance of setup & take down of machine, tool, & item that may require a planning change. | A631.201<br>A632.201<br>A633.201 |         |          |  | A0.301                           | Requests<br>For<br>Planning<br>Change |          |
| Sex              | A A code to indicate male or female.  | E116                             |         |          |  |                                  |                                       |          |
| Shift            | A Identification of the shift the employee is assigned.   | E116                             |         |          |  |                                  |                                       |          |
| Ship To Location | A Identification of the location where the allocated quantity has to be moved after completion of the order.                | E57                              |         |          |  |                                  |                                       |          |
| Ship Sets        | L End item quantities broken down into  | A223.401                         |         |          |  | A223.5I1                         |                                       |          |

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|                       |   |               |                             |         |              |  |         |          |                      |  |  |  |  |        |      |          |     |
| Name                  | Use Definition  | Code          | Synonym                     | OrgCode | UrlName      | TrqCode                                    | TrqName | Model no |                      |  |  |  |  |        |      |          |     |
| Shop Load Adjustments | manageable & economic lots.<br>Required changes in the expected shop load due to stop orders, material shortage report, etc.  | A612.201      |                             |         |              | A612.3C1                                   |         |          |                      |  |  |  |  |        |      |          |     |
| Shop Load Status      | The actual load condition in the shop, generally reflected by the amount of released work packages.   | A61.502       |                             |         |              | A61.411<br>A612.111                        |         |          |                      |  |  |  |  |        |      |          |     |
| Shortage Records      | A portion of the inventory transaction records identifying delinquent parts, parts that should have been issued to production but haven't been received, or are not on hand, resulting from excessive scrap or high reject rates. | A624.2C1      |                             | A62.4C1 | Transactions | A624.2C1                                   |         |          |                      |  |  |  |  |        |      |          |     |
| Shortage Reports      | Reports listing items that are not available for a scheduled production operation; e.g., raw stock, hardware, parts, tools, etc.  | A623.101      |                             |         |              | A623.2C1<br>A623.3C1<br>A622.1C1<br>A6.2C1 |         |          | Tracking Information |  |  |  |  |        |      |          |     |
| NODE:                 | TITLE:  |               |                             |         |              |  |         |          |                      |  |  |  |  |        |      | NUMBER:  | 179 |



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|                                    |   |                 |         | 1         | 2                       | 3                     | 4                             | 5         | 6 | 7 | 8 | 9 | 10 |         |  |      |  |          |  |
|                                    |   | NOTES:          |         | 1         | 2                       | 3                     | 4                             | 5         | 6 | 7 | 8 | 9 | 10 |         |  |      |  |          |  |
| Name                               | Use Definition  | Code            | Synonym | OrgCode   | OrgName                 | TrnCode               | TrnName                       | TrnDel no |   |   |   |   |    |         |  |      |  |          |  |
| Skill Certif- E<br>ication         | Objective evidence that an individual employee has demonstrated an ability to perform a particular skill.           | E105            |         |           |                         |                       |                               |           |   |   |   |   |    |         |  |      |  |          |  |
| Skill Certif- A<br>ication Number  | A unique number assigned to each skill certificate.   | E105            |         |           |                         |                       |                               |           |   |   |   |   |    |         |  |      |  |          |  |
| Skill Classi- A<br>fication        | The name of the unique skill classification.  | E236            |         |           |                         |                       |                               |           |   |   |   |   |    |         |  |      |  |          |  |
| Source Requirements                | The scope of effort & subsequent resources needed to produce the product, & where & how to procure these resources. | A11.2C1         |         | A-1.3C3   | Prod. Mfg. Requirements | A112.1C1              |                               |           |   |   |   |   |    |         |  |      |  |          |  |
| Sourcing Requirements              | A portion of the material plan describing potential sources for supply to be used in producing the product.         | A5.2C1          |         | A0.5C4    | Material Plan           | A521.1C2<br>A571.3C2  |                               |           |   |   |   |   |    |         |  |      |  |          |  |
| Space Utilization & Station Layout | A description of the manufacturing area & its usage.  | A4111.301       |         |           |                         |                       |                               |           |   |   |   |   |    |         |  |      |  |          |  |
|                                    |   |                 |         |           |                         | A4111.4C1<br>A411.101 | Plant work packages/ problems |           |   |   |   |   |    |         |  |      |  |          |  |
| NODE:                              |   | TITLE:          |         |           |                         |                       |                               |           |   |   |   |   |    | NUMBER: |  | 180  |  |          |  |

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|   |  |               | DRAFT   | RECOMMENDED |   |                      |   |
| NOTES: 1 2 3 4 5 6 7 8 9 10               |  |               |         |             |   |                      |   |
| Name                                      | Use Definition   | Code          | Synonym | OrigCode    | OrigName  | TrnCode              | TrnName   |
| Specifications                            |  |               |         |             |   |                      |   |
| Spare parts, Repair, & Retrofit Kits      | L Deliverable items used to maintain, improve, or modify the product.  | A623.302      |         |             |   | A6.5T1               | Kits, Spare Parts, Repair, & Retrofit Kits          |
| Spare parts, Repair & Retrofit Kit Orders | L Orders for component parts or kits that will be delivered to the customer for maintenance, repair, or modification of the product.                   | A623.3C2      |         |             | Work Packages   | A623.3C2             |   |
| Spare parts, Repair & Retrofit Orders     | L Orders for component parts or kits that will supplement the production work package but within themselves will be deliverable items to the customer. | A611.401      |         |             | Spare parts, Ship & Retrofit                                    | A6.2C1<br>A61.5C2    | Work Package Priorities                             |
| Special Schedule Requirements             | L A deviation from the standard flow times used for scheduling production effort.  | A22.3I2       |         |             | Mfg. Ind. parts list, Tool Ident. Special Schedule Requirements | A223.3I2<br>4223.2I2 | Finite Flow Facilities & Equipment Approved Changes |
| Specification A Number                    | A number that uniquely identifies an occurrence  | E13           |         |             |   |                      |   |
| NODE                                      | TITLE:   |               |         |             |   | NUMBER: 181          |   |

| USED AT                        | AUTHOR PROJECT | DATE REV | NOTES   |         |         |         |         |          |   |   |   |    | WORKING DRAFT | READER | DATE | CONTEXT |
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|                                |                |          | 1       | 2       | 3       | 4       | 5       | 6        | 7 | 8 | 9 | 10 |               |        |      |         |
| Name                           | Use Definition | Code     | Synonym | OrgCode | OrgName | TrqCode | TrqName | Model no |   |   |   |    |               |        |      |         |
| Specifications                 | L              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Specifications Condition       | L              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Specs.                         | L              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Specs., Condition              | L              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Standard Labor Hours To Date   | A              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Standard Machine Hours To Date | A              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Standard Routing Number        | A              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |
| Start Up Time                  | L              |          |         |         |         |         |         |          |   |   |   |    |               |        |      |         |

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| USED AT:                | AUTHOR:<br>PROJECT: | DATE:<br>REV:  | NOTES: 1 2 3 4 5 6 7 8 9 10 |                |      |         |         |         |         |                    |                                  |          | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER   | DATE | CONTEXT: |  |
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|                         |                     |  | Name                        | Use Definition | Code | Synonym | NrqCode | OrgName | TraCode | TraName            | Model no                         |          |  |          |      |          |  |
| Production Rate Data    |                     |  |                             |                |      |         |         |         |         |                    |                                  |          |  |          |      |          |  |
| Start Up Time Estimates | L                   | Dates for placing first article parts in work based on historical flowtime & part indentures.  | A122.2C1                    |                |      |         |         |         |         | A12.201<br>A12.301 | Cost Estimates<br>Time Estimates | A122.2C1 | Information                                    | A123.313 |      |          |  |
| Statement Of Work       | L                   | The statement of work (SNW) is a refinement of the work breakdown structure (WBS) elements as discrete technical tasks.  | A221.3C2                    |                |      |         |         |         |         | A22.1C1            | Flow Plan (SNW)                  | A221.3C2 |  |          |      |          |  |
| Station Plan            | L                   | A description of the activities taking place at a station & the flow time required to cycle a part through the station, plus the determination of the tools & equipment required, the number of people required at each sta- | A221.1C1                    |                |      |         |         |         |         | A22.1C1            | Flow Plan (SNW)                  | A221.1C1 |  |          |      |          |  |

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|                             |  |                                  |         |          |                            |                               |                                     |      |      |      |      | REV:  |      | DRAFT       |      |         |      |       |      |          |  |
|                             |  | NOTES: 1 2 3 4 5 6 7 8 9 10      |         |          |                            |                               |                                     |      |      |      |      |       |      | RECOMMENDED |      |         |      |       |      |          |  |
|                             |  |                                  |         |          |                            |                               |                                     |      |      |      |      |       |      | PUBLICATION |      |         |      |       |      |          |  |
| Name                        | Use Definition   | Code                             | Synonym | OrgCode  | OrgName                    | TrqCode                       | TrqName                             | Code | Code | Code | Code | Code  | Code | Code        | Code | Code    | Code | Code  | Code |          |  |
| Status Reports              | 1. Current location of items, work accomplished an expected completion date. | A24.201                          |         | A242.101 | Release Status             | A2.402                        | Performance Reports History         |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
|                             |  |                                  |         | A242.201 | P.O. Status                |                               |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
|                             |  |                                  |         | A242.302 | WIP Status (Work Packages) |                               |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
|                             |  |                                  |         | A242.402 | Cost Status Reports (ACHP) |                               |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
| Standards                   | 1. The procedures & instructions for preparing items & tools for storage.    | A622.2C1                         |         |          |                            | A622.2C1                      |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
| Stock Location              | E A physical location where parts can be stored.                             | E226                             |         |          |                            |                               |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
| Stock Location              | A A unique number assigned to each location where parts are located.         | E226                             |         |          |                            |                               |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
| Stock Location For Use Part | E The use of a stock location to store a specific part.                      | E227                             |         |          |                            |                               |                                     |      |      |      |      |       |      |             |      |         |      |       |      |          |  |
| Stock Records               | 1. A listing of the on-hand inventory.                                       | A624.101<br>A624.201<br>A611.111 |         |          |                            | A611.111<br>A62.111<br>A6.2C1 | Work Packages, Priorities, Tracking |      |      |      |      |       |      |             |      |         |      |       |      |          |  |

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|   |  |               | 1       | 2       | 3   | 4                               | 5   | 6        | 7 | 8 | 9 | 10 |  |        |         |         |  |  |
| Name  | Use Definition   | Code          | Synonym | DraCode | OrgName   | TrqCode                         | TrqName   | Level n4 |   |   |   |    |  |        |         |         |  |  |
| Stop Orders,<br>Procurement<br>Status,<br>Material<br>Shortage<br>Reports | L A STOP ORDER is a document restricting or completely stopping further effort to an operation or task described on a work order.<br>PROCUREMENT STATUS is a feedback describing actual condition or amount of progress accomplished in obtaining materials.<br>A MATERIAL SHORTAGE REPORT is a listing of delinquent materials needed in the production of the product. | A61.211       |         |         |   | A612.212                        | Information                                     |          |   |   |   |    |  |        |         |         |  |  |
| Stores<br>Requisitions  | L A request for (1) materials used in making the product, (2) resources particularly requisitioned, (3) tools for making the product. These are requisitions for the item to be supplied as opposed to being obtained (from Produce Product).  | A0.601        |         | A6.201  | Stores<br>Requisitions<br>- Tools,<br>Procured<br>Materials | A4.4C2<br>A43.5C1<br><br>A5.4C2 | Requisition<br>from<br>Production<br>for tools. |          |   |   |   |    |  |        |         |         |  |  |
| NODE  | TITLE:   |               |         |         |   |                                 |   |          |   |   |   |    |  |        | NUMBER: | 186     |  |  |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |  |         |  |          |  |       |  |      |  |             |  |         |  |       |  |          |  |

| Name  | Use Definition   | Code     | Synonym | OrgCode | OrgName | TrnCode              | TrnName                       | CodeJ n |
|---|--|----------|---------|---------|---------|----------------------|-------------------------------|---------|
| Study Reports                                     | L The results of a make/buy trade off study for obtaining additional production equipment.                                       | A421.401 |         |         |         | A421.5C1<br>A421.6C2 |                               |         |
| Sub-Assembly Breakdown                            | L (see Sub-Assy. Breakdown)  |          |         |         |         |                      |                               |         |
| Sub-Assembly Breaks                               | L (see Sub-Assy. Breaks)   |          |         |         |         |                      |                               |         |
| Sub-Assembly Experience                           | L (see Sub-Assy. Experience)   |          |         |         |         |                      |                               |         |
| Sub-Assembly Inspection Reports                   | L (see Sub-Assy. Inspection Reports)   |          |         |         |         |                      |                               |         |
| Sub-Assembly Kits (Details, Raw Materials, Tools) | L (see Sub-Assy. Kits (Details, Raw Materials, Tools))   |          |         |         |         |                      |                               |         |
| Sub-Assembly List                                 | L (see Sub-Assy. List)   |          |         |         |         |                      |                               |         |
| Sub-Assy. Breakdown                               | L Breakdown of product sub-sections (major assemblies) into units of manageable & accessible size for optimum use of facilities, | A131.302 |         |         |         | A131.4C1<br>A131.5C1 | Formal Sub-Assembly Breakdown |         |

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| USED AT   | AUTHOR:<br>PROJECT:  | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |         |      |         |         |      |         | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER | DATE    | CONTEXT |
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|   |  |               |                             |         |         |         |         |      |         |         |      |         |  |        |         |         |
| Name  | Use Definition   | Code          | Synonym                     | DrnCode | DrnName | TrnCode | TrnName | Code | TrnCode | TrnName | Code | TrnCode | TrnName  | Code   | TrnCode | TrnName |
| Sub-Assv.<br>Breaks   | L<br>Further structural breakdown of major assemblies into units of an optimum size for utilization of floor-mounted tooling.  | A113.202      |                             |         |         |         |         |      |         |         |      |         |  |        |         |         |
| Sub-Assv.<br>Experience   | L<br>Manufacturing information from completed & current programs involving resources & methods used for producing sub-assemblies.  | A113.211      |                             |         |         |         |         |      |         |         |      |         |  |        |         |         |
| Sub-Assv.<br>Inspection Reports   | L<br>A listing of sub-assemblies indicating their acceptance or rejection by quality assurance, & commonly including inspection-oriented data such as type of inspection, nature of part deficiencies, corrective actions taken, & preventive actions are recorded when pertinent. | A632.403      |                             |         |         |         |         |      |         |         |      |         |  |        |         |         |
| Sub-Assv.<br>Kits<br>(Details, Raw  | L<br>A collection of specific raw materials, component parts & tools required to produce.  | A63.211       |                             |         |         |         |         |      |         |         |      |         |  |        |         |         |
| <div style="display: flex; justify-content: space-between;"> <div> <p>NUMBER:</p> <p>188</p> </div> <div> <p>TITLE:</p> </div> </div> |  |               |                             |         |         |         |         |      |         |         |      |         |  |        |         |         |

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| USED AT                                    | AUTHOR:<br>PROJECT:  | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |                        |         |         |         |      |      |      |      |      | CONTEXT     |
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|  |  |               | WORKING<br>DRAFT            | WORKING<br>RECOMMENDED | READER  | DATE    |         |      |      |      |      |      |             |
| Name                                       | Use Definition   | Code          | Synonym                     | OrgCode                | OrgName | TraCode | TraName | Code | Code | Code | Code | Code | Code        |
| Supplier Equal Employment Opportunity Code | A A code indicating whether or not a supplier has an equal employment opportunity program.                                     | E30           |                             |                        |         |         |         |      |      |      |      |      |             |
| Supplier Invoice                           | E A statement of charges i.e., a demand for payment, issued to the company by a supplier for products &/or services delivered. | E107          |                             |                        |         |         |         |      |      |      |      |      |             |
| Supplier Invoice Number                    | A A unique number assigned to each invoice.  | E107          |                             |                        |         |         |         |      |      |      |      |      |             |
| Supplier Name                              | A The name by which a supplier is known.   | F30           |                             |                        |         |         |         |      |      |      |      |      |             |
| Supplier Number                            | A A unique number assigned to each supplier.   | E30           |                             |                        |         |         |         |      |      |      |      |      |             |
| Supplier                                   | A A code assigned by   | E30           |                             |                        |         |         |         |      |      |      |      |      |             |
| NUMBER:                                    | TITLE:   |               |                             |                        |         |         |         |      |      |      |      |      | NUMBER: 190 |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |  |        |      |          |

| Name                              | Use Definition  | Code | Synonym | DraCode | OrnlName | TrpCode | TrpName | Model n3 |
|-----------------------------------|---|------|---------|---------|----------|---------|---------|----------|
| Quality Assurance Code            | the quality assurance organization which indicates the quality level of a supplier.   |      |         |         |          |         |         |          |
| Supplier Quotation                | E A commitment made by a supplier, usually in response to a request from a buyer, indicating price & delivery which he is willing to provide on specified products &/or services. | E91  |         |         |          |         |         |          |
| Supplier Quotation Number         | A A unique number assigned to each supplier quotation.  | E91  |         |         |          |         |         |          |
| Supplier Quotation Request        | E A request made by a buyer to a supplier for a price & delivery commitment by the supplier for specific products &/or services.  | E90  |         |         |          |         |         |          |
| Supplier Quotation Request Number | A A unique number assigned to each supplier quotation request.  | E90  |         |         |          |         |         |          |
| Supplier Representative           | A The name of the employee of the supplier to be contacted  | E30  |         |         |          |         |         |          |

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|                                  |  | NOTES         | 1       | 2        | 3                           | 4                    | 5                    | 6    | 7 | 8 | 9 |  |        |      |         |
| Name                             | Use Definition   | Code          | Synonym | DraCode  | ProjName                    | TranCode             | TranName             | Unit |   |   |   |  |        |      |         |
| Supplier Return                  | E A uniquely identified quantity of a specific product which is returned to the vendor, or services which are rejected by the company, & for which no payment will be made by the company.<br><br>for information. | F113          |         |          |                             |                      |                      |      |   |   |   |  |        |      |         |
| Supplier Security Clearance Code | A Supplier's security clearance level.   | F30           |         |          |                             |                      |                      |      |   |   |   |  |        |      |         |
| Support Activity Schedules       | L Schedules for the ongoing material & manpower activities that support a continuing production effort.  | A22.402       |         | A224.101 | Handover Loading Schedule   | A2.201               | Continuing Schedules |      |   |   |   |  |        |      |         |
|                                  |  |               |         | A224.201 | Tong Lead Schedule          |                      |                      |      |   |   |   |  |        |      |         |
|                                  |  |               |         | A224.301 | Material Operation Schedule |                      |                      |      |   |   |   |  |        |      |         |
| Support Milestones               | L A delivery or availability date for specific support resource items that are critical to the production of the product.  | A222.211      |         | A215.401 | Master Schedule             | A222.211             |                      |      |   |   |   |  |        |      |         |
| Support Schedule                 | I Schedule conflicts involving the delivery  | A22.401       |         | A224.401 | Material Conflicts          | A223.2C5<br>A223.3C5 |                      |      |   |   |   |  |        |      |         |

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| Name                                 | Use Definition   | Code | Synonym | UraCode                                  | OrgName  | TrnCode                       | TrnName  | Notes |
|--------------------------------------|--|------|---------|--|--|-------------------------------|--|-------|
| Problems                             | ery of resource items<br>& the production need<br>dates.   |      |         | A224.501                                 | work load<br>Conflicts   | A223.5C3                      |  |       |
| Supporting<br>Manufacturing<br>Plans | 1. The general concept of A1.402<br>obtaining & using<br>specific types of man-<br>ufacturing resources<br>to support the manu-<br>facture of the pro-<br>duct (i.e., quality,<br>material, tooling,<br>etc.). |      |         | A14.101<br>A14.201<br>A14.301<br>A14.401 | QA Plan<br>Material Plan<br>Tooling Plan<br>Facilities<br>& Equipment<br>Plan<br>Personnel<br>Plan | A0.101                        | Manufacturing<br>Plan  |       |
| Systems<br>Requirements              | 1. The total requirements A-2.102<br>for the product, its<br>manufacture, use &<br>maintenance.  |      |         | A14.501                                  |  | A-2.2C1<br>A-2.3C2<br>A-2.4C2 | Prod. Require-<br>ments<br>Missions<br>Readiness<br>Requirements |       |

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| Name                                    | Use Definition   | Code     | Synonym | ProjCode             | ProjName   | TestCode  | TestName  |
|---|--|----------|---------|----------------------|--|---|---|
| Tentative<br>Make Or Buy<br>Decisions   | L Recommendations to<br>either make or buy<br>based on program<br>resource requirements<br>relative to available<br>internal & external<br>resources.                    | A112.401 |         | A1.102               | Selected &<br>Tentative<br>Structure<br>& Method of<br>Manufacturing | A11.3C1<br>A1.102   | "Make" Unit<br>Tab.<br>Selected &<br>Tentative<br>Structure<br>& Method of<br>Manufacturing |
| Tentative<br>Manufactur-<br>ing Concept | L A preliminary concept<br>of combining manufac-<br>turing resources to<br>to produce the product<br>which requires cost,<br>schedule, & technical<br>evaluation.        | A1.211   |         | A1.102               | Selected &<br>Tentative<br>Structure<br>& Method of<br>Manufacturing | A121.111<br>A121.211<br>A121.311<br>A121.411<br>A12.111<br>A122.211<br>A122.311<br>A123.111<br>A123.211<br>A123.312 |   |
| Test<br>Documents                       | L The procedures &<br>specifications for<br>testing equipment dur-<br>ing the check-out<br>operation.  | A422.5C1 |         | A422.202<br>A422.401 | Specs.<br>Specs.   | A422.5C1  |   |
| Tested<br>Products                      | L Completed products,<br>kits, parts, etc.<br>that have passed a<br>pre-established qual-<br>ity standard & are<br>ready for packaging &<br>delivery to the<br>customer. | A6.402   |         |                      |  | A6.512  |   |
| Time & Cost                             | L Cost & schedule  | A1.1C2   |         | A1.201               | Resource   | A111.1C2  |   |

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|                       |   |               |                             |                      |                                |  |  |         |  |  |  |  |  |        |      |         |     |
| Name                  | Use Definition  | Code          | Synonym                     | OrgCode              | OrgName                        | TrqCode  | TrqName  | TrqType |  |  |  |  |  |        |      |         |     |
| Estimates             | estimates that are based on a tentative manufacturing concept.  |               |                             |                      | Plans, Time & Cost Estimates   | A111.2C2<br>A111.3C1<br>A112.4C1<br>A113.1C3<br>A113.2C3<br>A113.3C4<br>A114.1C3<br>A114.2C4 |  |         |  |  |  |  |  |        |      |         |     |
| Time Estimates        | 1 The times estimated to complete first articles & the times estimated for the subsequent production rate.  | A12.301       |                             | A123.201<br>A123.101 | Number of Shifts<br>Time Spans | A122.1C2<br>A122.2C1<br>A1.201   | Production Time<br>Estimates<br>Start-up Time<br>Estimates<br>Resource Plans, Time & Cost<br>Estimates |         |  |  |  |  |  |        |      |         |     |
| Time Span Adjustments | 1 Required changes in time spans or indentures resulting from reconciliation of differences between manufacturing indentured parts list & engineering bill of material. | A221.401      |                             |                      |                                | A221.3C3<br>A221.1C2   |  |         |  |  |  |  |  |        |      |         |     |
| Time Span Layout      | 1 Initial bar chart layout of major milestones & events.  | A212.201      |                             |                      |                                | A212.3Y1   |  |         |  |  |  |  |  |        |      |         |     |
| Time Spans            | 1 The flow times established  | A123.101      |                             |                      |                                | A12.301  | Time   |         |  |  |  |  |  |        |      |         |     |
| NOTE                  | TITLE:  |               |                             |                      |                                |  |  |         |  |  |  |  |  |        |      | NUMBER: | 196 |

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| Name                   | Use Definition   | Code                 | Synonym                     | OrqCode | UraName | TrqCode | TrqName |  |  |  |  |  |  |        |      |         |     |
| Tool<br>Callout        | E<br>The requirement for a spec. tool type which must be used in the performance of specific work defined by a routing item.<br><br>formers, etc.), holding devices, jigs & fixtures, templates, measuring devices & gauges, etc.<br>typically, each tool. | E47                  |                             |         |         |         |         |  |  |  |  |  |  |        |      |         |     |
| Tool<br>Considerations | L<br>An instance when equipment is used in conjunction with a tool & need for a coordinated design effort is evaluated.  | A121.3C1<br>A121.3C2 |                             |         |         |         |         |  |  |  |  |  |  |        |      |         |     |
| Tool Design            | L<br>Information about a tool describing its fabrication & use.  | A43.202              |                             |         |         |         |         |  |  |  |  |  |  |        |      |         |     |
| Tool<br>Drawing        | E<br>A graphic representation of a tool type which reflects its geometric configuration, dimensions & construction (form, fit & function).   | E42                  |                             |         |         |         |         |  |  |  |  |  |  |        |      |         |     |
| Tool<br>Drawing        | E<br>The tool drawing specified for use with   | E303                 |                             |         |         |         |         |  |  |  |  |  |  |        |      |         |     |
| INDEX                  | TITLE:   |                      |                             |         |         |         |         |  |  |  |  |  |  |        |      | NUMBER: | 198 |

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| USED AT                          | AUTHOR:<br>PROJECT:  | DATE:<br>REV: | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |         |         |         |         |         |         | WORKING<br>DRAFT<br>RECOMMENDED<br>PUBLICATION | READER  | DATE    | CONTEXT: |         |
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|                                  |  |               |                             |         |         |         |         |         |         |         |         |         |  |         |         |          |         |
| Name                             | Use Definition   | Code          | Synonym                     | OrdCode | OrdName | TrnCode | TrnName | TrnName | TrnName | TrnName | TrnName | TrnName | TrnName  | TrnName | TrnName | TrnName  | TrnName |
| Callout                          | a tool callout.  |               |                             |         |         |         |         |         |         |         |         |         |  |         |         |          |         |
| Tool & Equipment Characteristics | L Descriptive information about capabilities & specifications of tools & equipment.<br>A333.4C4<br>A331.3C5<br>A332.3C5  |               |                             |         |         |         |         |         |         |         |         |         |  |         |         |          |         |
| Tool Identification              | L A listing of tools used in a parts manufacture usually by an Alfa/numeric code number that also identifies type of tool, e.g. AJ (assembly gun), RD (brake die), MF (mill fixture) etc.<br>A334.401<br>A333.402<br>A22.211<br>A332.202<br>A331.202 |               |                             | A2.212  |         |         |         |         |         |         |         |         |  |         |         |          |         |
|                                  |  |               |                             |         |         |         |         |         |         |         |         |         |  |         |         |          |         |
| Tool Inventory Information       | L A complete listing of all the inventoried tools including location & availability status.<br>A43.501   |               |                             |         |         |         |         |         |         |         |         |         |  |         |         |          |         |
| MODE                             | TITLE:   |               |                             |         |         |         |         |         |         |         |         |         |  |         |         | NUMBER:  | 199     |

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|                               |   |                    | 1       | 2       | 3      | 4       | 5       | 6    | 7   | 8   | 9 | 10      |  |        |      |         |
| Name                          | Use Definition  | Code               | Synonym | NroCode | OrName | TroCode | TroName | Code | Rev | Ver |   |         |  |        |      |         |
| Tool Name                     | A A name which uniquely identifies each tool (type).  | E45                |         |         |        |         |         |      |     |     |   |         |  |        |      |         |
| Tool Orders/<br>Status        | L TOOL ORDERS are documents that authorize an effort such as the design of a tool, its fabrication, modification, maintenance, storage, etc. STATUS is an informational feedback describing the amount of effort completed. | A43.102            |         |         |        |         |         |      |     |     |   |         |  |        |      |         |
| Tool Plan                     | L General plan for design & fabrication or procurement of all tooling & tools (perishable, portable, durable & contract tools).   | A121.301<br>A4.3C4 |         |         |        |         |         |      |     |     |   |         |  |        |      |         |
| Tool<br>Procurement<br>Specs. | L Specifications governing the procurement of tools & spelling out the performance & capabilities required of these purchased tools.  | A43.103            |         |         |        |         |         |      |     |     |   |         |  |        |      |         |
| Tool<br>Property<br>Number    | A A unique number assigned to each instance of a con-   | E243               |         |         |        |         |         |      |     |     |   |         |  |        |      |         |
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|                            |  |  |  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |         |  |         |  |          |  |                              |  |
| NOTES:                     |  |  |  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |         |  |         |  |          |  |                              |  |
| Name                       |  | Use Definition   |  | Code       |   |   |   |   |   |   |   |   |    | Synonym |  | OrgCode |  | TrqName  |  | Model no                     |  |
| Tool Serial Number         |  | A  |  | E246       |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
|                            |  | trolled customer owned tool.   |  |            |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
| Tool Setup                 |  | L  |  | A33343.201 |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
|                            |  | A sequencing of the interrelationships between the part tool, machine, &/or equipment when utilized together for doing a specific manufacturing operation. |  |            |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  | A33343.301 Setup Information |  |
| Tool Skill Requirement     |  | E  |  | E290       |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
|                            |  | Reflects the requirement for a specific employee skill to enable the use of a specific tool type.  |  |            |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
| Tool Specification         |  | E  |  | E41        |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
|                            |  | Specifies the technical & functional characteristics which must be exhibited by a specific tool type.  |  |            |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
| Tool Specification Callout |  | E  |  | E252       |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
|                            |  | Reflects the engineering specification which is to be used to determine acceptability of a tool required by a specific product.                            |  |            |   |   |   |   |   |   |   |   |    |         |  |         |  |          |  |                              |  |
| NODE                       |  | TITLE  |  |            |   |   |   |   |   |   |   |   |    | NUMBER  |  | 201     |  |          |  |                              |  |

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| Name                                | Use Definition   | Code                             | Synonym | OrgCode | OrgName                                   | TrqCode              | TrqName | Model n4 |
|-------------------------------------|--|----------------------------------|---------|---------|---|----------------------|---------|----------|
| Tool Specific-<br>ications          | L<br>tion order item.<br>A technical descrip-<br>tion of what tools<br>should be & what they<br>are expected to do. It<br>is not their design,<br>but the information<br>used for their design.            | A334.401<br>A332.302<br>A331.302 |         |         |   | A43.111<br>A334.5C1  |         |          |
| Tool Stan-<br>dards For<br>Procured | L<br>The standard design<br>information used to<br>assure that uniformity<br>within classes of<br>tools is maintained<br>with respect to draw-<br>ing format, design<br>concept & materials to<br>be used. | A43.203                          |         |         |   | A43.113              |         |          |
| Tool Weight                         | A<br>Weight of the specific E45<br>type of tool.   |                                  |         |         |   |                      |         |          |
| Tooling<br>Concept                  | L<br>A description with<br>sketches identifies<br>the types of tools &<br>fixturing required at<br>initially planned<br>assembly stations.   | A114.201                         |         |         |   | A114.3C1<br>A114.4C2 |         |          |
| Tooling<br>Experience               | L<br>An accumulation of<br>knowledge of tooling<br>requirements compiled<br>from past tooling per-<br>formance.  | A113.311                         |         | A1.1C3  | Experience<br>& Capability<br>Information | A113.311             |         |          |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |         |             |        |      |          |

| Name           | Use Definition  | Code     | Synonym | OrgCode | OrgName            | TraCode                          | TraName                       | Model |
|----------------|---|----------|---------|---------|--------------------|----------------------------------|-------------------------------|-------|
| Tooling Plan   | L A refinement of the tooling policy down to a level specifically describing the type & complexity of tools to be requested for manufacturing use.  | A143.501 |         |         |                    | A1.402                           | Supporting Manufacturing Plan |       |
| Tooling Policy | L A document describing the extent to which hard or soft tooling will be utilized.  | A143.101 |         |         |                    | A143.2C1<br>A143.3C1<br>A143.4C1 |                               |       |
| Tool Type      | E A device to be used in conjunction with a machine or by hand to aid in the production of parts; includes such things as perishable tools (drill bits, cutting tips, formers, etc.), holding devices, jigs & fixtures, templates, measuring devices & gauges, NC tapes, etc. | E45      |         |         |                    |                                  |                               |       |
| Tools          | L Items to be used in connection with equipment or by hand in making the product. Includes expendable tools, cutters & for-   | A4.303   |         | A43.502 | Tools (To be used) | A0.6V1                           | Production resources          |       |

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|  |  |                        | 1       | 2      | 3                             | 4                      | 5      | 6     | 7 | 8 | 9 | 10 |               |        |         |          |
| Name   | Use Definition   | Code                   | Synonym | OrCode | OrName                        | TrCode                 | TrName | Panel |   |   |   |    |               |        |         |          |
| Tools (Boards & Wiring NC Tapes) Wire, Connectors    | L All the physical items needed to support the preparation of wiring.  | A63F1.311              |         | A6.203 | Kits, Needed Items/Used Tools | A63F1.311              |        |       |   |   |   |    |               |        |         |          |
| Tools, Components, Metal Structures, Wiring          | L All the physical items needed to perform the production assembly effort.   | A63F1.411              |         | A6.203 | Kits, Needed Items/Used Tools | A63F1.411              |        |       |   |   |   |    |               |        |         |          |
| Tools, Facility Equipment & Test First Article Dates | L Required availability dates for resources supporting the manufacturing start-up along with testing requirement dates for first article acceptance. | A222.201               |         |        |                               | A222.311<br>A222.412   |        |       |   |   |   |    |               |        |         |          |
| Tools, Raw Materials                                 | L All the physical items needed to fabricate, components, boards, & sheet metal structures.  | A63F1.111<br>A63F1.211 |         | A6.203 | Kits, Needed Items/Used Tools | A63F1.111<br>A63F1.211 |        |       |   |   |   |    |               |        |         |          |
| Total  | L The materials needed   | A51.101                |         |        |                               | A51.201                |        |       |   |   |   |    |               |        |         |          |
| MODE   | TITLE:   |                        |         |        |                               |                        |        |       |   |   |   |    |               |        | NUMBER: | 204      |

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| Name                 | Use Definition   | Code     | Synonym | OrqCode  | OrgName                         | TraCode             | TitleName          | Model no |
|----------------------|--|----------|---------|----------|---------------------------------|---------------------|--------------------|----------|
| Material             | to complete the contract requirements.   |          |         |          |                                 |                     |                    |          |
| Tracking Information | L The location & status of any item which is being made according to a work package, that is, the status of any work in process.                                       | A6.2C1   |         | A631.101 | Work Load Problems, Work Status | A61.5C3<br>A611.1C1 | Srran nr Shrinkage |          |
|                      |  |          |         | A632.101 | Work Load Problems, Work Status | A611.4C2            |                    |          |
|                      |  |          |         | A633.101 | Work Load Problems, Work Status |                     |                    |          |
|                      |  |          |         | A631.403 | Completion Reports              |                     |                    |          |
|                      |  |          |         | A632.403 | Completion Reports              |                     |                    |          |
|                      |  |          |         | A633.403 | Completion Reports              |                     |                    |          |
|                      |  |          |         | A631.501 | Need For Rework Order           |                     |                    |          |
|                      |  |          |         | A632.501 | Need For Rework Order           |                     |                    |          |
|                      |  |          |         | A623.103 | Shortage Reports                |                     |                    |          |
|                      |  |          |         | A624.201 | Stock Records                   |                     |                    |          |
| Training Plan        | L Training Plan - Plan for the indoctrination & instruction of new employees & the upgrading & ongoing education of existing employees to meet job skill requirements. | A145.301 |         |          |                                 | A145.411            |                    |          |

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| Name               | Use Definition  | Code               | Synonym | DrnCode            | IrqName                                | TgnCode              | TgnName                                  | Model n4  |
|--------------------|---|--------------------|---------|--------------------|--|----------------------|--|-----------|
| Transactions L     | The records of receipt of incoming production items & tools that are placed in inventory or delivered directly to the line as shortate items. | A62.4C1            |         | A62.303<br>A62.201 | Disbursement, Shortage Receipt Records | A624.111<br>A624.211 | Disbursements, Receipts Shortage Records |           |
| Types Manufactured | L categories into which detail parts will be classified by e.g. sheet metal, machined, composite, bonded, forging, casting, etc.              | The basic types or |         | A1341.103          |  |                      |  | A1341.2C1 |

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| Name   | Use Definition  | Code                             | Synonym | OrqCode              | UrqName  | TrqCode              | TrqName | Model nd |
|--|---|----------------------------------|---------|----------------------|--|----------------------|---------|----------|
| Unacceptable<br>Assemblies                     | L Parts that have failed to meet drawing &/or quality standards.  | A632.511<br>A633.511             |         | A632.404<br>A633.404 | Inspected<br>Assemblies<br>Inspected<br>Assemblies | A632.511<br>A633.511 |         |          |
| Understand<br>Finished<br>Part<br>Requirements | F The function of this diagram is to quantify the four essential elements of the finished part requirements. Those elements are the geometric requirements, tolerance requirements, material condition requirements, & part finish requirements, (Boxes 1 through 4, respectively). | A3331                            |         |                      |  |                      |         |          |
| Unit of<br>Measure                             | A The unit of measure for the item ordered.   | E27                              |         |                      |  |                      |         |          |
| Unit of<br>Measure                             | A The unit of measure of the item required.   | E23                              |         |                      |  |                      |         |          |
| Unit Price                                     | A The price per unit of measure.  | E27                              |         |                      |  |                      |         |          |
| Unresolved<br>Schedule<br>Conflicts            | L Those time-vs-requirement discrepancies which cannot be resolved through negotiation & which can only be settled by a change  | A214.402<br>A214.302<br>A214.202 |         |                      |  | A21.402              |         |          |

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|   |   |               |                             |         |         |         |         |          |  |  |  |  |                  |        |         |         |
| Name                                      | Use Definition  | Code          | Synonym                     | UrqCode | OrqName | TrqCode | TrqName | Model nd |  |  |  |  |                  |        |         |         |
| Used Product L                            | In plans.<br>A product which<br>after a period of<br>use, or after sus-<br>taining major damage,<br>requires maintenance,<br>repair, or rebuilding. | A-2.303       |                             |         |         | A-2.411 |         |          |  |  |  |  |                  |        |         |         |
| Used tools L<br>(Ref'd in<br>Tool Stores) | Tools that are not<br>needed for current<br>fabrication or assem-<br>bly because the work<br>package has been com-<br>pleted.                       | A43.512       |                             |         |         | A43.512 |         |          |  |  |  |  |                  |        |         |         |
| NODE:                                     | TITLE:  |               |                             |         |         |         |         |          |  |  |  |  |                  |        | NUMBER: | 208     |

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| NOTES: 1 2 3 4 5 6 7 8 9 10 |                     |               |               |  |        |      |         |

| Name               | Use Definition  | Code     | Synonym | OrgCode            | OrgName                             | TrqCode             | TrqName                            | Model nd |
|--------------------|---|----------|---------|--------------------|-------------------------------------|---------------------|------------------------------------|----------|
| Variance Analysis  | I. An analysis of reasons causing the difference in actual performance, usually cost or schedule against planned performance.   | A243.101 |         |                    |                                     | A243.211<br>A24.301 | Problem Identification Evaluations |          |
| Vendor             | I. Potential supplier of materials or services.   | A112.311 |         | A1.1C3             | Experience & Cap. Information       | A112.311            |                                    |          |
| Vendor Contacts    | I. The negotiating & coordinating effort with suppliers for purchased materials.  | A52.302  |         |                    |                                     | A5.203              | Communications With Suppliers      |          |
| Vendor Performance | I. Informational history about a vendor's record to supply materials as contracted; e.g., quantity, quality, schedule, & price. | A521.3C3 |         | A52.301<br>A52.1C3 | Delivery History Inspection Records | A521.3C3            |                                    |          |
| Verify Equipment   | I. Inspected equipment found acceptable for manufacturing use.  | A424.301 |         |                    |                                     | A42.403             | Available Equipment, Specs.        |          |

|       |        |                 |
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| NOTE: | TITLE: | NUMBER: 209/210 |
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| <h1>2.1.23 WBS through Wo</h1> |                   |             |      |        |         |             |         |
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| Name                               | Use Definition  | Code                 | Synonym                     | DraCode | OrgName              | TrpCode              | TrpName                               | Model n |  |  |  |  |  |        |      |          |     |
| WBS & Drawing Tree                 | L A "WORK BREAKDOWN STRUCTURE" is a hierarchical & graphic representation of the tasks & products which comprise a system or product. It is a product-oriented, dendritic diagram which organizes, defines, & illustrates the relationship between tasks required to accomplish contractual objectives. | A134.111             |                             |         |                      | A1341.111            | WBS & Drawing Tree (Hill's Materials) |         |  |  |  |  |  |        |      |          |     |
| WBS Time Spans in Logical Sequence | L An estimated schedule which must correlate with the milestone schedule of the contract which it supports & also reflects realistic manufacturing sequencing, engineering release constraints & available resources.   | A212.101             |                             |         |                      | A212.211             |                                       |         |  |  |  |  |  |        |      |          |     |
| WIP Schedule                       | L The in-work & completion dates for work-in-process.   | A242.3C2             |                             | A24.2C1 | Schedules & Budgets  | A242.3C2             |                                       |         |  |  |  |  |  |        |      |          |     |
| WIP Status                         | L Information about work -in-process, such as   | A611.3C2<br>A611.4C2 |                             | A61.1C3 | Tracking Information | A611.3C2<br>A611.4C2 |                                       |         |  |  |  |  |  |        |      |          |     |
| NODE:                              | TITLE:  |                      |                             |         |                      |                      |                                       |         |  |  |  |  |  |        |      | NUMBER:  | 211 |

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|-----------------------------------|--|----------------------------------|---------|---------|---------|---------|---------|-------|----------------------------------|---|-------------------|----|------------------|--------|------|---------|
|                                   |  |                                  | 1       | 2       | 3       | 4       | 5       | 6     | 7                                | 8 | 9                 | 10 |                  |        |      |         |
| Name                              | Use Definition   | Code                             | Synonym | OrgCode | OrgName | TrnCode | TrnName | Model |                                  |   |                   |    |                  |        |      |         |
| WIP Status,<br>(Work<br>Packages) | L Reports showing the<br>current location,<br>stage of completion, &<br>schedule position of<br>work orders released<br>to the shop.   | A242.302                         |         |         |         |         |         |       | A24.201<br>A242.4C1              |   | Status<br>Reports |    |                  |        |      |         |
| Work Around<br>Plans              | L Actions to be taken<br>which will protect<br>approved budgets or<br>schedules from the<br>impact of unexpected,<br>detrimental circum-<br>stances.   | A243.301                         |         |         |         |         |         |       | A24.301                          |   | Evaluations       |    |                  |        |      |         |
| Work Assign-<br>ment              | L Selection of work<br>station for the job,<br>task, etc.  | A631.102<br>A632.102<br>A633.103 |         |         |         |         |         |       | A631.2C1<br>A632.2C1<br>A633.2C1 |   |                   |    |                  |        |      |         |
| Work Cell                         | F A uniquely identifi-<br>able grouping of work<br>stations in a factory<br>which has the cap-<br>ability of producing<br>parts of geometrically<br>common configuration,<br>or performing generi-<br>cally common<br>processes. | E86                              |         |         |         |         |         |       |                                  |   |                   |    |                  |        |      |         |
| Work Cell                         | A A number which   | E86                              |         |         |         |         |         |       |                                  |   |                   |    |                  |        |      |         |
| MODE:                             | TITLE:   |                                  |         |         |         |         |         |       |                                  |   | NUMBER:           |    | 212              |        |      |         |

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|                         | NOTES: 1 2 3 4 5 6 7 8 9 10   |               |         | RECOMMENDED<br>PUBLICATION |                                 |   |            |
| Name                    | Use Definition  | Code          | Synonym | Org Code                   | Grat Name                       | Tro Code  | Title Line |
| Number                  | uniquely identifies an occurrence of work cell with a work center.  |               |         |                            |                                 |   |            |
| Work Center E           | A major organizational unit of the factory comprised of one or more work cells.   | E239          |         |                            |                                 |   |            |
| Work Center Callout F   | The work center which is intended to be used to execute the work defined by a particular routing item.  | F253          |         |                            |                                 |   |            |
| Work Center Number A    | A unique number assigned to each work center  | A239          |         |                            |                                 |   |            |
| Work Order Status L     | Work order information such as, current location, schedule position & whether the work is or is not ready for the next fabrication operation or step. | L A631.202    |         |                            |                                 | A631.3CJ  |            |
| Work Orders Schedules L | WORK ORDERS describe & authorize new or modified production facilities.<br>SCHEDULEFS are the com-  | A41.103       |         | A411.101                   | Plant Work Package/<br>Problems | A41.2CZ<br>A413.1I1<br>A413.2I2<br>A413.3I2<br>A413.4I2 |            |

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|                                       |  |               |                             |          |          |                            |                                     |   |  |  |             |  |  |        |      |  |  |
| Name                                  | Use Definition   | Code          | Synonym                     | OrigCode | OrigName | TrqCode                    | TrqName                             | Index no                                |  |  |             |  |  |        |      |  |  |
| Work Package L<br>Release<br>Schedule | <p>pletion dates for the new or modified production facilities.</p> <p>An established sequence for placing work packages into shop.</p>  | A612.303      |                             |          |          | A61.3C1                    |                                     |   |  |  |             |  |  |        |      |  |  |
| Work Packages I.                      | <p>A Work Package is a subdivision of a WRS element which specifies a job to be performed in support of a product. Each work package is uniquely identified by a number, &amp; also specifies a title, job instructions quantity, in-work &amp; completion dates, accounting responsibilities, material requirements, &amp; machine/tool requirements.</p> | A61.301       |                             |          |          | A6.2C1                     |                                     |   |  |  |             |  |  |        |      | <p>WORK PACKAGES,<br/>Priorities/<br/>Tracking<br/>Information</p> |  |
| Work Packages<br>Priorities           | <p>L SPECIFICATIONS describe items to be made, the quantity the due dates, &amp; the instructions for making them.</p> <p>PRIORITIES are timing sequences assigned to</p>  | A6.102        |                             |          |          | <p>A61.301<br/>A61.401</p> | <p>Work Packages<br/>Priorities</p> | <p>A61.4C1<br/>A62.1C1<br/>A632.1C1</p> | <p>Work Packages<br/>Priorities</p> <p>Priorities,<br/>Outlines,<br/>Est. Flow<br/>Times<br/>Setup</p> |  |             |  |  |        |      |  |  |
| NODE:                                 | TITLE:   |               |                             |          |          |                            |                                     |   |  |  | NUMBER: 214 |  |  |        |      |  |  |

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| Name             | Use Definition  | Code | Synonym | OrigCode | OrigName | TrnCode     | TrnName   | Model n.t |
|------------------|---|------|---------|----------|----------|-------------|---|-----------|
|                  | work packages based on the relative imperative associated with the individual work package. Priorities establish precedence to be used in allocating manufacturing resources. |      |         |          |          | A632.3C1    | Instructions<br>Assembly Sten<br>Instructions<br>Instructions<br>Instructions<br>Nework<br>Orders |           |
|                  |   |      |         |          |          | A632.4C1    |   |           |
|                  |   |      |         |          |          | A632.5C2    |   |           |
|                  |   |      |         |          |          | A623.1C2    | Production<br>Kit Orders<br>Spares;<br>Repair &<br>Retrofit                                       |           |
|                  |   |      |         |          |          | A623.2C2    | Kit Orders<br>Priorities,<br>Routings,<br>Est. Flow<br>Times                                      |           |
|                  |   |      |         |          |          | A623.3C2    | Setup Insts.<br>Fab. Sten<br>Inspection   |           |
|                  |   |      |         |          |          | A631.1C1    | Instructions<br>Rework<br>Orders  |           |
|                  |   |      |         |          |          | A631.2C2    |   |           |
|                  |   |      |         |          |          | A631.3C2    |   |           |
|                  |   |      |         |          |          | A631.4C1    |   |           |
|                  |   |      |         |          |          | A631.5C2    |   |           |
| Work Plan        | E Work schedules & resource requirements which are necessary to fulfill contractual obligations.  | E79  |         |          |          |             |   |           |
| Work Plan Number | A A unique number assigned to each contract item work plan.   | E79  |         |          |          |             |   |           |
| MODE             | TITLE:  |      |         |          |          | NUMBER: 215 |   |           |

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| NOTES: 1 2 3 4 5 6 7 8 9 10     |   |               |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Name                            | Use Definition  | Code          | Synonym | OrgCode | OrgName | TrqCode | TrqName | Index |  |  |  |  |        |      |          |
| Work Station                    | E A uniquely identifiable location within a work cell, containing one or more machines &/or persons, & where- in specific processes may be performed. | E100          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work Station Equipment Location | E Reflects the current location of equipment at a specific work station.  | E240          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work Station Function           | A A description of the work station function.   | E100          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work Station Location           | A Physical location of the work station.  | E100          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work Station Number             | A A number which uniquely identifies each work station within a work center.  | E100          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work Station/ Process           | E Reflects the ability of a work station to perform a particular process.   | E242          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work Station/ Tool Location     | E Reflects the assignment of a tool type to a specific work station.  | E291          |         |         |         |         |         |       |  |  |  |  |        |      |          |
| Work To Be                      | I The effort necessary  | A333.101      |         |         |         |         |         |       |  |  |  |  |        |      |          |

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|                                |  | NOTES: 1 2 3 4 5 6 7 8 9 10 |         |         |         |   |   |       |  |  |  |           |  |               |  |        |  |      |  |         |  |
| Name                           | Use Definition   | Code                        | Synonym | OrgCode | OrgName | TrnCode                                     | TrnName   | Model |  |  |  |           |  |               |  |        |  |      |  |         |  |
| Done                           | to convert raw material into a completed detail part including geometry, surface finishes, & hardness requirements.  |                             |         |         |         | A3333.3C1<br>A3333.4C3<br>A3333.5C1         |   |       |  |  |  |           |  |               |  |        |  |      |  |         |  |
| Workload Conflicts             | L An out-of-balance between manpower needed & manpower available.  | A224.501                    |         |         |         | A27.401                                     | Support Schedule Problems   |       |  |  |  |           |  |               |  |        |  |      |  |         |  |
| Workload Problems, Work Status | L WORKLOAD PROBLEMS are the conflicts between resources & scheduled effort to be accomplished within a specific time period. WORK STATUS is a shop-feed-back of accomplishment & schedule position of work packages in the shop. | A631.101<br>A632.101        |         |         |         | A61.5C3<br>A611.1C1<br>A611.3C2<br>A611.4C2 | Tracking Information<br>Scrap Nr<br>Shrinkage<br>WIP Status<br>WIP Status |       |  |  |  |           |  |               |  |        |  |      |  |         |  |
| TITLE:                         |  | NUMBER:                     |         |         |         |   |   |       |  |  |  | 217       |  |               |  |        |  |      |  |         |  |
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